

DON'T BANK ON THE BOMB

A Global Report on the Financing of Nuclear Weapons Producers



Hall of Shame
November 2015



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PAX has strived to achieve the highest level of accuracy in reporting. However, at this point, there is still a marked lack of official information available in the public domain about the use, production, transfer and stockpiling of nuclear weapons, as well as about investments in companies that produce nuclear weapons. The information in this report therefore reflects official information available in the public domain known to PAX. We welcome comments, clarifications, and corrections from governments, companies, financial institutions and others, in the spirit of dialogue, and in the common search for accurate and reliable information on this important subject. If you believe you have found an inaccuracy in our report, or if you can provide additional information, please contact us: snyder@paxforpeace.nl or vanderzeijden@paxforpeace.nl

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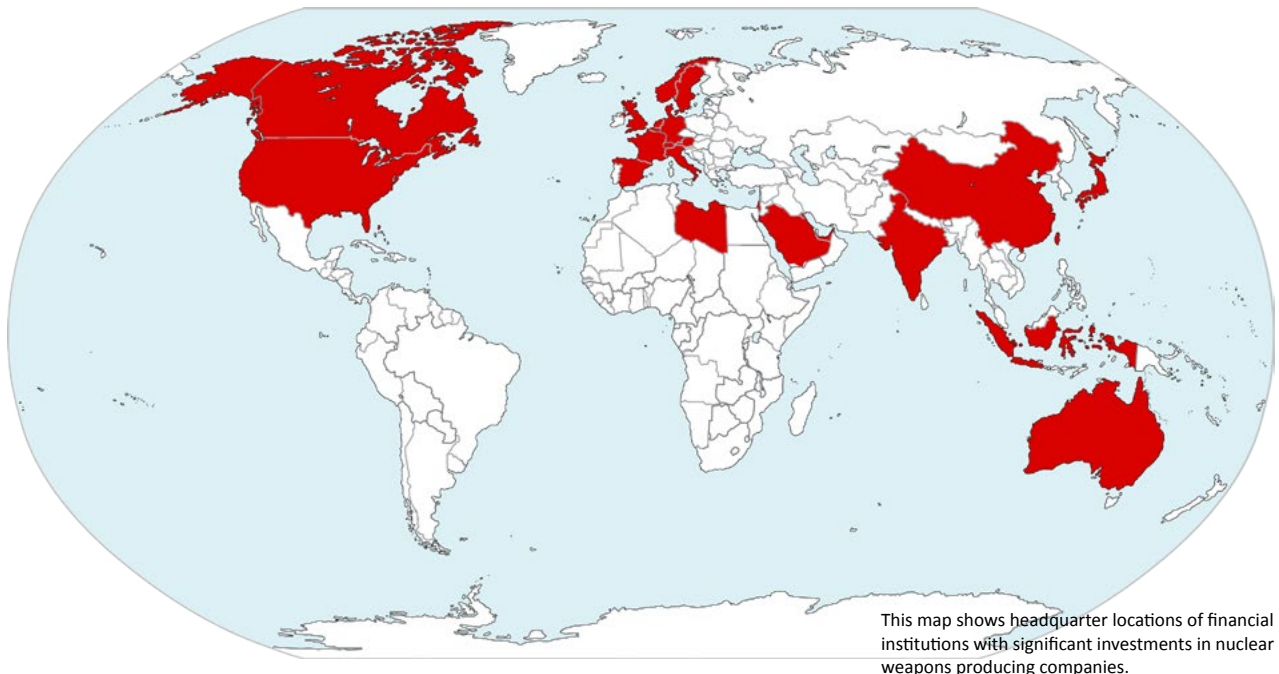
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This section details financial relationships with the nuclear weapons producing companies identified in this report. It provides information about the banks, pension funds, insurance companies and asset management companies that provide financing for the companies involved in the nuclear weapons industry. In this section we provide details about the nature and value of specific transactions and holdings.

Financial institutions can be involved in financing companies by providing corporate loans, by assisting companies with share- and bond issues, and by (managing) investments in shares and bonds of these companies. For asset managers and pension funds, the only relevant type of financial involvement is (managing) share- and bondholdings of the selected companies.

This report presents the most significant financing relationships with one or more of the selected nuclear weapon companies. To select these financial institutions, the following criteria were used:

- All financial institutions involved in loans and underwriting deals for one or more of the companies since 1 January 2012;
- All financial institutions that own at least 0.5% of the outstanding shares or bonds of at least one of the companies.

We found 382 financial institutions that meet these criteria.

How is the information presented?

Financial institutions are listed alphabetically in this chapter. Each section provides the following information for each financial institution:

- The total amount the financial institution made available to the nuclear weapons producers listed in the report since January 1, 2012.
- The types of financial relations with the nuclear weapon companies grouped by loans, investment banking and asset management. Financial activities are listed alphabetically by nuclear weapon producing company for each category.
- The details of the financial relationship, including the name of the producing company, the amount, and the date. For loans and bonds the maturity date is given.

All data is presented in tables. For loans, the first column represents the names of the companies that received the loans, the second column shows which subsidiary or part of the selected company has issued the loan. The third column (# FI's), shows the number of financial institutes participating in loans as loans are often offered by a syndicate of financial institutions. The fourth column represents the value of the total loan offered by the syndicate to the company. The fifth column is the amount for which this specific financial institute participated in the loan. This amount is calculated depending on the role the financial institute plays in the syndicate, as explained below. The last column shows the date the loan was issued.

Loan tables basically look like this:

Nuclear weapons producing company that got the loan	Number of financial institutions participating in the loan	Total value of the loan	Amount this financial institution invested in the loan	Date the loan was issued (closed).	Date the loan will expire (maturity date).
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The tables for underwriting of share and bond issuances have the same columns. The method for calculating these value per financial institute can be found below.

The tables for share and bondholdings managed by the financial institutions show the nuclear weapon producing companies, the country in which this company is situated, the percentage of all bonds or shares outstanding hold or managed by the specific institution, and the total value of the shares or bonds held by the financial institution in the indicated company.

Share and bondholding tables basically look like this:

Nuclear weapons producing company	Country of origin for nuclear weapons producer	Percentage of all outstanding shares or bonds that this financial institution holds	Total value, in USD millions, of the shares or bonds held by this financial institution.
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If the amounts per financial institution were known, these amounts were assigned. If the amounts were unknown, an estimate was used. The estimates are based on the following rules of thumb:

- In the case of loans (corporate loans or revolving credit facilities), 40% of the total amount is committed by bookrunners and 60% by other participants of the syndicate. If, however, the amount of bookrunners is (almost) equal to, or higher than, the amount of participants, the reverse is used: 60% for the bookrunners and 40% for the arrangers. So if there are for example 5 bookrunners and 4 participants and the amount of the loan is € 100, the estimate will be that the bookrunners commit 60% (€ 12 each) and the participants 40% (€ 10 each). The amount provided by bookrunners is *always* higher than the amount provided by other participants;
- In the case of share- and bond issuances, 75% of the total amount is committed by bookrunners and 25% by other participants of the syndicate. The amount provided by bookrunners should

always be higher than the amount provided by other participants.

- In the case of share- and bondholdings, the amounts are always known, so no estimate is needed.

Figures presented are rounded up/down to the nearest dollar at the filing date. Commas (,) indicate thousands separators while periods (.) used as decimal points. Financial institutions operating in Bermuda, Guernsey and Jersey are noted, but classified in summary tables and documents as UK based.

Methodology

How was the research conducted?

Which financial institutions are involved in the financing of the selected nuclear weapon companies was researched in annual reports, stock exchange filings and other publications of the companies concerned, archives of trade magazines, local newspapers and the financial press as well as specialized financial databases (Thomson ONE, Bloomberg).

What is included?

All forms of financing meeting the definition of substantive financial relationships are included in the report. This comprises financial institutions participating in loans and underwriting deals since 1 January 2012, as well as those involved in loans which have been closed before that date but have not yet matured at the time of writing.

For (managing) investments in shares or bonds of nuclear weapon companies, a group-level threshold of at least 0.5% of the outstanding shares or bonds at most recent filing dates is applied per financial institution.

The following information is provided for each form of financing qualifying as substantive:

- Name of the company receiving financing;
- Type of financing (loan, guarantee, share issuance, bond issuance, share ownership, bond ownership, other);
- Total amount;
- For share- and bondholdings: percentage of all shares or bonds outstanding at the most recent filing date;
- Filing / closing date;
- For loans and bond issuances: Maturity;
- For loans, bond and share issuances: Amounts provided by each financial institution participating.

What definitions are used?

The following definitions are used in this project:

- Financial institutions: banks, pension funds, asset managers, insurance companies and other financial institutions from any country in the world;
- Nuclear weapon producing companies: companies involved in producing or maintaining nuclear weapons or significant, specific components thereof. Which share of the company's turnover this activity constitutes is not deemed relevant;
- Substantive involvement in financing: financial institutions can be involved in financing nuclear weapon companies by providing corporate loans, project finance or working capital facilities; by underwriting share and bond issuances; and by (managing) investments in shares and bonds of these companies.
- All participation in loans and underwriting deals since 1 January 2012 is considered to be of substantive importance. Also participation in loans which have been closed before that date but have not yet matured at the time of writing is included in the analysis.
- Shareholdings at the most recent filing date are considered to be substantive if the investments

of a financial institution at group-level reach or cross the threshold of 0.5% of the company's outstanding shares.

- Bondholdings at the most recent filing date are considered to be substantive if the investments of a financial institution at group-level reach or cross the threshold of 0.5% of the company's outstanding bonds.

What are the different types of financial relationships?

Financial institutions can be involved in financing companies by providing corporate loans, by assisting companies with share- and bond issues, and by (managing) investments in shares and bonds of these companies.

- **Share issues:** Issuing shares on the stock exchange gives a company the opportunity to increase its equity by attracting a large number of new shareholders or increase the equity from its existing shareholders.
- When it's the first time a company offers its shares on the stock exchange, this is called an Initial Public Offering (IPO). When a company's shares are already traded on the stock exchange, this is called a secondary offering of additional shares. To arrange an IPO or a secondary offering, a company needs the assistance of one or more (investment) banks, which will promote the shares and find shareholders. The role of investment banks in this process therefore is very important.
- **Bond issues:** Issuing bonds can best be described as cutting a large loan into small pieces, and selling each piece separately. Bonds are issued on a large scale by governments, but also by corporations. Like shares, bonds are traded on the stock exchange. To issue bonds, a company needs the assistance of one or more (investment) banks which underwrite a certain amount of the bonds. Underwriting is in effect buying with the intention of selling to investors. If the investment bank fails to sell all bonds it has underwritten, it will end up owning the bonds.
- **(Managing) shareholdings:** Financial institutions can, through the funds they are managing, buy shares of a certain company. This provides the company with new equity, and gives the bank a direct influence on the company's strategy. The magnitude of this influence depends on the size of the shareholding.
- **(Managing) investments in bonds:** Financial institutions can also buy bonds of a certain company. The main difference between owning shares and bonds is that owner of a bond is not a co-owner of the issuing company; the owner is a creditor of the company. The buyer of each bond is entitled to repayment after a certain number of years, and to a certain interest during each of these years.
- **Loans:** The easiest way to obtain debt is to borrow money. In most cases, money is borrowed from commercial banks. o The proceeds of corporate loans can be used for all activities of the company. Loans can be either short-term or long-term.
 - **Short-term** loans (including trade credits, current accounts, leasing agreements, et cetera) have a maturity of less than a year. They are mostly used as working capital for day-to-day operations. Short-term debts are often provided by a single commercial bank, which does not ask for substantial guarantees from the company.
 - **Long-term** loans have a maturity of at least one year, but generally of three to ten years. Long-term corporate loans are in particular useful to finance expansion plans, which only generate rewards after some period of time.
 - **Loan syndicates** often arrange long-term loans. A loan syndicate is a group of banks brought together by one or more arranging banks. The loan syndicate will only undersign the loan agreement if the company can provide certain guarantees that interest and repayments on the loan will be fulfilled.

- A **revolving credit facility** is a type of loan that provides a company with an option to take up a loan from a bank (or more often: a banking syndicate) when it has an urgent financing need. Revolving credits are often concluded for a five year period and then renewed. But many companies renegotiate their revolving credit facility every year with the same banking syndicate. Amounts, interest rates, fees and participating banks can change slightly every year. As the financial press often reports these renegotiations for larger companies, this might raise the impression that banks are lending huge sums of money to the same company every year. But: this concerns renegotiations of basically the same facility and a revolving credit facility is hardly ever actually called upon for a loan.
- **Project finance:** Project finance is a specific long-term loan. The proceeds of this loan can only be used to finance a specific project: a mine, pipeline, wind farm, road, etc. Project finance is often extended by a banking syndicate, like corporate loans. Different from corporate loans, the repayment of a project finance loan is dependent upon the revenues that a project is expected to generate once it is up and running. To guarantee the payment of interest and repayments as much as possible, the banks usually demand that the revenues of the project must be used first to pay interest and repayment. Only if the revenues are large enough, the remainder will be paid out as dividend to the owner(s) of the project.
- Banks run a fairly high risk with this form of loans: if the project is not successful and does not generate (sufficient) revenues, they will not receive interest and repayments (or less than agreed). In that case, the banks do not have the option (or only to a very limited extent) to call upon the owner(s) of the project to pay interest and repayments from the revenues generated by other activities of the owner(s). This is called non-recourse or limited-recourse financing.
 - Because banks run a higher risk with a project finance loan, they will carefully evaluate the project in advance and will demand to be closely involved in the day-to-day running of the project. Also, banks will demand a higher interest rate for project financing loans. This makes project financing loans less attractive for most companies planning to develop a project. Project finance is a niche market for financing projects under specific circumstances, e.g. if the project is very large compared to the size of the owner, or if some of the owners of the project do not have cheaper financing options available.

For asset managers and pension funds, the only relevant type of financial involvement is (managing) share- and bondholdings of the selected companies.

What are the differences between the 2014 and 2015 reports?

Previous Don't Bank on the Bomb reports included only new loans made during the research period. This report includes information about all outstanding loans. This provides a fuller picture of the overall investments in nuclear weapons producing companies. Included in the 2015 study are loans and credit facilities of which the closing date lies before January 2012, but that have not matured yet at the time of writing (August 2015). In at least one known case this leads to the inclusion of one tranche of a credit facility while the other tranche is excluded. The US\$ 4.6 billion revolving credit facility issued by Boeing on 5 November 2011 had a US\$ 2.3 billion tranche with maturity date on 8 November 2012 and a US\$ 2.3 billion tranche with maturity date on 10 November 2016. Only the latter has been included. In the 2014 report, occasional errors in the Thomson One Banker database regarding the listing of banks and their role in certain loans resulted in errors where some participating managers were accidentally assigned as bookrunners while some bookrunners were accidentally assigned as only participating managers. This has been corrected in the 2015 report.

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1. A.K. Group (India)

A.K. Group (India) has made an estimated US\$ 16 million available to the nuclear weapons companies listed in this report since January 2012.

A.K. Group (India) underwrote bond issuances for an estimated amount of US\$ 16 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by A.K. Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	36	4.5	13-6-2014	13-5-2016
Larsen & Toubro	45	6.4	13-6-2014	13-6-2016
Larsen & Toubro	8	2.7	28-10-2014	27-10-2017
Larsen & Toubro	8	2.7	28-10-2014	28-9-2016

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

2. Aberdeen Asset Management (United Kingdom)

Aberdeen Asset Management (United Kingdom) has made an estimated US\$ 230 million available to the nuclear weapons companies listed in this report since January 2012.

Aberdeen Asset Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 230 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Aberdeen Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	230	0.98	1-8-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

3. ABP (Netherlands)

ABP (Netherlands) has made an estimated US\$ 139 million available to the nuclear weapons companies listed in this report since January 2012.

ABP (Netherlands) owns or manages shares of the nuclear weapon companies for an amount of US\$ 139 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by ABP

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	139	0.54	31-12-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

4. Abu Dhabi Investment Authority (United Arab Emirates)

Abu Dhabi Investment Authority (United Arab Emirates) has made an estimated US\$ 281 million available to the nuclear weapons companies listed in this report since January 2012.

Abu Dhabi Investment Authority (United Arab Emirates) owns or manages shares of the nuclear weapon companies for an amount of US\$ 281 million (see table below). Only holdings of 0.50% or more of the

outstanding shares at the most recent available filing date are included.

Shareholdings managed by Abu Dhabi Investment Authority

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	281	1.09	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

5. Acciona (Spain)

Acciona (Spain) has made an estimated US\$ 354 million available to the nuclear weapons companies listed in this report since January 2012.

Acciona (Spain) owns or manages shares of the nuclear weapon companies for an amount of US\$ 354 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Acciona

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	354	2.72	31-5-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

6. ACK Asset Management (United States)

ACK Asset Management (United States) has made an estimated US\$ 9 million available to the nuclear weapons companies listed in this report since January 2012.

ACK Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 9 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by ACK Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	9	0.80	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

7. Ackermans & van Haaren (Belgium)

Ackermans & van Haaren (Belgium) has made an estimated US\$ 51 million available to the nuclear weapons companies listed in this report since January 2012.

Ackermans & van Haaren (Belgium) owns or manages shares of the nuclear weapon companies for an amount of US\$ 51 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ackermans & van Haaren

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	51	0.62	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

8. Adage Capital Management (United States)

Adage Capital Management (United States) has made an estimated US\$ 153 million available to the nuclear weapons companies listed in this report since January 2012.

Adage Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 153 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Adage Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Textron	United States	153	1.25	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

9. Aditya Birla Group (India)

Aditya Birla Group (India) has made an estimated US\$ 87 million available to the nuclear weapons companies listed in this report since January 2012.

Aditya Birla Group (India) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 87 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Aditya Birla Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	87	1.10	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

10. Aegon (Netherlands)

Aegon (Netherlands) has made an estimated US\$ 370 million available to the nuclear weapons companies listed in this report since January 2012.

Aegon (Netherlands) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 370 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Aegon

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	42	0.80	31-5-2015
Boeing	United States	139	1.62	31-3-2015
Finmeccanica	Italy	37	0.77	31-3-2015
Honeywell International	United States	106	1.62	31-3-2015
Raytheon	United States	46	0.85	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

11. Aerojet Rocketdyne Pension Fund (United States)

Aerojet Rocketdyne Pension Fund (United States) has made an estimated US\$ 48 million available to the nuclear weapons companies listed in this report since January 2012.

Aerojet Rocketdyne Pension Fund (United States) owns or manages shares of the nuclear weapon

companies for an amount of US\$ 48 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Aerojet Rocketdyne Pension Fund

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	48	4.22	31-12-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

12. Affiliated Managers Group (United States)

Affiliated Managers Group (United States) has made an estimated US\$ 421 million available to the nuclear weapons companies listed in this report since January 2012.

Affiliated Managers Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 421 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Affiliated Managers Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	116	2.56	31-3-2015
Safran	France	305	1.08	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

13. AJO (United States)

AJO (United States) has made an estimated US\$ 399 million available to the nuclear weapons companies listed in this report since January 2012.

AJO (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 399 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by AJO

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	132	1.98	31-3-2015
Northrop Grumman	United States	267	0.88	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

14. Allianz (Germany)

Allianz (Germany) has made an estimated US\$ 1,843 million available to the nuclear weapons companies listed in this report since January 2012.

Allianz (Germany) owns or manages shares of the nuclear weapon companies for an amount of US\$ 613 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Allianz

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Fluor	United States	56.7	0.68	31-3-2015
Northrop Grumman	United States	455.9	1.51	31-3-2015
Orbital ATK	United States	100	2.20	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Allianz (Germany) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,231 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Allianz

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	85.5	4.21	31-3-2015
BAE Systems	United Kingdom	149.4	2.86	31-3-2015
Boeing	United States	148.2	1.73	31-3-2015
Finmeccanica	Italy	165.3	3.40	30-6-2014
Fluor	United States	13	1.27	31-3-2015
Honeywell International	United States	205.6	3.16	31-3-2015
Huntington Ingalls Industries	United States	83.2	6.34	31-3-2015
Lockheed Martin	United States	61	0.66	31-3-2015
MOOG	United States	10.3	3.45	31-3-2015
Northrop Grumman	United States	101.1	1.56	31-3-2015
Raytheon	United States	105.4	1.95	31-3-2015
Safran	France	102.8	7.19	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

15. Allstate (United States)

Allstate (United States) has made an estimated US\$ 505 million available to the nuclear weapons companies listed in this report since January 2012.

Allstate (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 505 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Allstate

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	39.0	0.75	31-3-2015
Boeing	United States	88.8	1.04	31-3-2015
Finmeccanica	Italy	25.0	0.51	31-3-2015
Fluor	United States	20.0	1.95	31-3-2015
General Dynamics	United States	25.0	0.74	31-3-2015
Lockheed Martin	United States	111.38	1.21	31-3-2015
Northrop Grumman	United States	104.0	1.60	31-3-2015
Orbital ATK	United States	8.8	2.92	31-3-2015
Raytheon	United States	62.7	1.16	31-3-2015
Textron	United States	19.8	0.67	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

16. Altius Finserv Private (India)

Altius Finserv Private (India) has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

Altius Finserv Private (India) underwrote bond issuances for an estimated amount of US\$ 6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Altius Finserv Private

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	6	2	27-3-2014	8-4-2015
Larsen & Toubro	6	2	27-3-2014	7-4-2015
Larsen & Toubro	6	2	27-3-2014	6-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

17. Alyeska Investment Group (United States)

Alyeska Investment Group (United States) has made an estimated US\$ 37 million available to the nuclear weapons companies listed in this report since January 2012.

Alyeska Investment Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 37 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Alyeska Investment Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	37	0.81	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

18. Amalgamated Bank of Chicago (United States)

Amalgamated Bank of Chicago (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Amalgamated Bank of Chicago (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Amalgamated Bank of Chicago

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

19. American Century Investments (United States)

American Century Investments (United States) has made an estimated US\$ 643 million available to the nuclear weapons companies listed in this report since January 2012.

American Century Investments (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 643 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by American Century Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	516	0.55	30-6-2015
Huntington Ingalls Industries	United States	31	0.57	30-6-2015
Textron	United States	96	0.78	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

20. American Equity Investment Life Holding (United States)

American Equity Investment Life Holding (United States) has made an estimated US\$ 221 million available to the nuclear weapons companies listed in this report since January 2012.

American Equity Investment Life Holding (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 221 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American Equity Investment Life Holding

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	40.1	0.81	31-3-2015
BAE Systems	United Kingdom	38.9	0.74	31-3-2015
General Dynamics	United States	45.7	1.34	31-3-2015
Honeywell International	United States	36.7	0.56	31-3-2015
Raytheon	United States	40.1	0.74	31-3-2015
Safran	France	20	1.40	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

21. American Family Mutual Insurance (United States)

American Family Mutual Insurance (United States) has made an estimated US\$ 428 million available to the nuclear weapons companies listed in this report since January 2012.

American Family Mutual Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 428 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American Family Mutual Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	103	3.03	31-3-2015
Honeywell International	United States	39	0.60	31-3-2015
Lockheed Martin	United States	60	0.65	31-3-2015
Northrop Grumman	United States	116	1.78	31-3-2015
Raytheon	United States	110	2.04	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

22. American Financial Group (United States)

American Financial Group (United States) has made an estimated US\$ 12 million available to the nuclear weapons companies listed in this report since January 2012.

American Financial Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 12 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American Financial Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	12	1.17	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

23. American International Group (AIG) (United States)

American International Group (AIG) (United States) has made an estimated US\$ 1,039 million available to the nuclear weapons companies listed in this report since January 2012.

American International Group (AIG) (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 354 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by American International Group (AIG)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	354	0.56	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

American International Group (AIG) (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 685 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American International Group (AIG)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	107.5	2.05	31-3-2015
Boeing	United States	50.7	0.59	31-3-2015
Finmeccanica	Italy	54.6	1.12	31-3-2015
Fluor	United States	23.3	2.27	31-3-2015
General Dynamics	United States	35.1	1.03	31-3-2015
Honeywell International	United States	57.2	0.88	31-3-2015
Huntington Ingalls Industries	United States	14.1	1.07	31-3-2015
Lockheed Martin	United States	145.7	1.58	31-3-2015
Northrop Grumman	United States	105	1.62	31-3-2015
Orbital ATK	United States	9.5	3.15	31-3-2015
Raytheon	United States	51.9	0.96	31-3-2015
Textron	United States	30.1	1.02	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

24. American National Insurance (United States)

American National Insurance (United States) has made an estimated US\$ 92 million available to the nuclear weapons companies listed in this report since January 2012.

American National Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 92 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American National Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	17	1.67	31-3-2015
General Dynamics	United States	23	0.66	31-3-2015
Raytheon	United States	31	0.58	31-3-2015
Textron	United States	21	0.71	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

25. American United Mutual Insurance (United States)

American United Mutual Insurance (United States) has made an estimated US\$ 231 million available to the nuclear weapons companies listed in this report since January 2012.

American United Mutual Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 231 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by American United Mutual Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	26	0.50	31-3-2015
Fluor	United States	46	4.51	31-3-2015
Huntington Ingalls Industries	United States	14	1.08	31-3-2015
Lockheed Martin	United States	53	0.57	31-3-2015
MOOG	United States	14	4.67	31-3-2015
Raytheon	United States	37	0.69	31-3-2015
Textron	United States	41	1.39	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

26. Ameriprise Financial (United States)

Ameriprise Financial (United States) has made an estimated US\$ 1,290.5 million available to the nuclear weapons companies listed in this report since January 2012.

Ameriprise Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 835.5 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ameriprise Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	634.9	2.62	19-1-2015
Moog	United States	200.6	7.88	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Ameriprise Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 455 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at

the most recent available filing date are included.

Bondholdings managed by Ameriprise Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	37	2.78	31-3-2015
Lockheed Martin	United States	150	1.64	31-3-2015
MOOG	United States	8	2.75	31-3-2015
Northrop Grumman	United States	215	3.32	31-3-2015
Orbital ATK	United States	15	4.90	31-3-2015
Safran	France	30	2.10	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

27. Anchor Bolt Capital (United States)

Anchor Bolt Capital (United States) has made an estimated US\$ 32 million available to the nuclear weapons companies listed in this report since January 2012.

Anchor Bolt Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 32 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Anchor Bolt Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	32	0.68	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

28. Anima (Italy)

Anima (Italy) has made an estimated US\$ 79.6 million available to the nuclear weapons companies listed in this report since January 2012.

Anima (Italy) owns or manages shares of the nuclear weapon companies for an amount of US\$ 41.8 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Anima

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	41.8	0.56	30-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Anima (Italy) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 37.8 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Anima

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	37.8	0.78	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

29. ANZ (Australia)

ANZ (Australia) has made an estimated US\$ 1,886.6 million available to the nuclear weapons companies listed in this report since January 2012.

ANZ (Australia) provided loans for an estimated amount of US\$ 1,519 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by ANZ

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	39	29-1-2014	29-1-2019
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Fluor	1,200	90	14-12-2010	14-12-2015
Fluor	1,800	180	7-11-2012	9-11-2017
General Dynamics	1,000	35	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	4,000	73	18-11-2013	10-12-2018
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	500	13	18-8-2012	3-9-2013
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	88	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

ANZ (Australia) underwrote bond issuances for an estimated amount of US\$ 367.6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by ANZ

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	9.5	30-4-2013	15-11-2018
Boeing	300	3.8	28-10-2014	30-10-2021
Boeing	300	3.8	28-10-2014	30-10-2024
Boeing	250	3.1	18-2-2015	1-3-2025

Boeing	250	3.1	18-2-2015	1-3-2035
Boeing	250	3.1	18-2-2015	1-3-2045
Fluor	500	10	18-11-2014	15-12-2024
General Dynamics	900	38.6	1-11-2012	15-11-2017
General Dynamics	1,000	42.9	1-11-2012	15-11-2022
General Dynamics	500	21.4	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23.3	18-11-2013	17-11-2015
Lockheed Martin	750	13.5	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Northrop Grumman	850	25.5	28-5-2013	1-6-2018
Northrop Grumman	1,050	31.5	28-5-2013	1-8-2023
Northrop Grumman	950	28.5	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	4.5	24-11-2014	15-12-2024
Raytheon	300	4.5	24-11-2014	15-12-2044

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

30. Apto Partners (United States)

Apto Partners (United States) has made an estimated US\$ 2.5 million available to the nuclear weapons companies listed in this report since January 2012.

Apto Partners (United States) underwrote bond issuances for an estimated amount of US\$ 2.5 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Apto Partners

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	250	2.5	18-2-2015	1-3-2035

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

31. AQR Capital Management (United States)

AQR Capital Management (United States) has made an estimated US\$ 849.4 million available to the nuclear weapons companies listed in this report since January 2012.

AQR Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 849 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by AQR Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	240.5	0.55	31-3-2015
Huntington Ingalls Industries	United States	84.6	1.26	31-3-2015
Northrop Grumman	United States	339.6	1.13	31-3-2015
Raytheon	United States	184.7	0.56	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

32. Aquiline Capital Partners (United States)

Aquiline Capital Partners (United States) has made an estimated US\$ 131 million available to the nuclear weapons companies listed in this report since January 2012.

Aquiline Capital Partners (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 131 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Aquiline Capital Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	22.6	2.21	31-3-2015
General Dynamics	United States	19.7	0.58	31-3-2015
Honeywell International	United States	44.8	0.69	31-3-2015
Raytheon	United States	27.1	0.50	31-3-2015
Textron	United States	17.1	0.58	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

33. Artisan Partners (United States)

Artisan Partners (United States) has made an estimated US\$ 787 million available to the nuclear weapons companies listed in this report since January 2012.

Artisan Partners (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 787 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Artisan Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	214.4	2.59	31-3-2015
Jacobs Engineering	United States	355.2	6.35	31-3-2015
Serco	United Kingdom	56.4	2.51	11-3-2015
Textron	United States	161.3	1.32	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

34. Associated Banc-Corp (United States)

Associated Banc-Corp (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Associated Banc-Corp (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Associated Banc-Corp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

35. Auto-Owners Insurance (United States)

Auto-Owners Insurance (United States) has made an estimated US\$ 58 million available to the nuclear weapons companies listed in this report since January 2012.

Auto-Owners Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 58 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Auto-Owners Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	15.6	0.77	31-3-2015
BAE Systems	United Kingdom	26.2	0.50	31-3-2015
Fluor	United States	16.5	1.61	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

36. Aviva (United Kingdom)

Aviva (United Kingdom) has made an estimated US\$ 305 million available to the nuclear weapons companies listed in this report since January 2012.

Aviva (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 151 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Aviva

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	151	1.09	31-3-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Aviva (United Kingdom) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 154 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Aviva

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	48	0.74	31-3-2015
Northrop Grumman	United States	46	0.71	31-3-2015
Safran	France	60	4.20	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

37. AXA (France)

AXA (France) has made an estimated US\$ 3,501.5 million available to the nuclear weapons companies listed in this report since January 2012.

AXA (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 3,050 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by AXA

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	62	1.34	31-3-2015
BAE Systems	United Kingdom	1,314	5.06	18-2-2015
Finmeccanica	Italy	30.9	0.54	31-12-2014
Lockheed Martin	United States	501.7	0.80	31-3-2015
Northrop Grumman	United States	573.3	1.91	31-3-2015
Raytheon	United States	458.8	1.38	31-3-2015
Serco	United Kingdom	109.8	4.93	1-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

AXA (France) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 451 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by AXA

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	4.2	0.76	30-4-2015
BAE Systems	United Kingdom	96.7	1.85	31-3-2015
Boeing	United States	117.9	1.37	31-3-2015
Honeywell International	United States	68.2	1.05	31-3-2015
Huntington Ingalls Industries	United States	10.5	0.80	30-4-2015
MOOG	United States	8.1	2.69	30-4-2015
Northrop Grumman	United States	77.9	1.20	31-3-2015
Raytheon	United States	67.2	1.25	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

38. Axis Bank (India)

Axis Bank (India) has made an estimated US\$ 69 million available to the nuclear weapons companies listed in this report since January 2012.

Axis Bank (India) underwrote bond issuances for an estimated amount of US\$ 69 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Axis Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	45	45	3-9-2012	3-3-2014
Larsen & Toubro	26	13	21-3-2014	21-4-2015
Larsen & Toubro	36	5	13-6-2014	13-5-2016
Larsen & Toubro	45	6	13-6-2014	13-6-2016

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

39. Banca Monte dei Paschi di Siena (Italy)

Banca Monte dei Paschi di Siena (Italy) has made an estimated US\$ 185 million available to the nuclear

weapons companies listed in this report since January 2012.

Banca Monte dei Paschi di Siena (Italy) provided loans for an estimated amount of US\$ 185 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banca Monte dei Paschi di Siena

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

40. Banca Popolare di Sondrio (Italy)

Banca Popolare di Sondrio (Italy) has made an estimated US\$ 196 million available to the nuclear weapons companies listed in this report since January 2012.

Banca Popolare di Sondrio (Italy) provided loans for an estimated amount of US\$ 196 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banca Popolare di Sondrio

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	11	6-7-2015	6-7-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

41. Banca Popolare Emilia Romagna (Italy)

Banca Popolare Emilia Romagna (Italy) has made an estimated US\$ 240 million available to the nuclear weapons companies listed in this report since January 2012.

Banca Popolare Emilia Romagna (Italy) provided loans for an estimated amount of US\$ 240 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banca Popolare Emilia Romagna

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	55	6-7-2015	6-7-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

42. Banco Bilbao Vizcaya Argentaria (BBVA) (Spain)

Banco Bilbao Vizcaya Argentaria (BBVA) (Spain) has made an estimated US\$ 3,171 million available to the nuclear weapons companies listed in this report since January 2012.

Banco Bilbao Vizcaya Argentaria (BBVA) (Spain) provided loans for an estimated amount of US\$ 2,776 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banco Bilbao Vizcaya Argentaria (BBVA)

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	750	20	7-6-2013	7-6-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,300	460	29-9-2012	14-10-2013
Boeing	2,300	460	29-9-2012	15-10-2017
Boeing	2,473	50	23-9-2014	15-10-2015
Boeing	2,473	50	23-9-2014	16-10-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	90	6-7-2015	6-7-2020
General Dynamics	1,000	80	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Jacobs Engineering	460	55	5-3-2015	5-3-2020
Jacobs Engineering	1,140	137	5-3-2015	5-3-2020
Thales	1,979	88	17-12-2010	17-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Banco Bilbao Vizcaya Argentaria (BBVA) (Spain) underwrote bond issuances for an estimated amount of US\$ 394 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Banco Bilbao Vizcaya Argentaria (BBVA)

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022

Aecom	800	80	17-9-2014	15-10-2024
Airbus Group	640	64	20-10-2014	29-10-2029
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	18	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

43. Banco de Sabadell (Spain)

Banco de Sabadell (Spain) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Banco de Sabadell (Spain) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banco de Sabadell

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

44. Banco di Sardegna (Italy)

Banco di Sardegna (Italy) has made an estimated US\$ 85 million available to the nuclear weapons companies listed in this report since January 2012.

Banco di Sardegna (Italy) provided loans for an estimated amount of US\$ 85 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banco di Sardegna

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

45. Banco Popolare (Italy)

Banco Popolare (Italy) has made an estimated US\$ 177 million available to the nuclear weapons

companies listed in this report since January 2012.

Banco Popolare (Italy) provided loans for an estimated amount of US\$ 130 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banco Popolare

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	2,212	45	6-7-2015	6-7-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Banco Popolare (Italy) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 47 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Banco Popolare

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	47	0.97	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

46. BancPlus (United States)

BancPlus (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

BancPlus (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BancPlus

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

47. Bank Hapoalim (Israel)

Bank Hapoalim (Israel) has made an estimated US\$ 43 million available to the nuclear weapons companies listed in this report since January 2012.

Bank Hapoalim (Israel) provided loans for an estimated amount of US\$ 43 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank Hapoalim

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	200	13.3	3-9-2012	3-9-2017
Orbital ATK	1,010	17.3	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

48. Bank of America (United States)

Bank of America (United States) has made an estimated US\$ 22,072 million available to the nuclear weapons companies listed in this report since January 2012.

Bank of America (United States) provided loans for an estimated amount of US\$ 8,870 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank of America

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	157.5	13-7-2011	13-7-2016
Aecom	600	120	23-9-2011	30-9-2016
Aecom	700	70	14-10-2011	19-10-2016
Aecom	1,000	100	14-10-2011	19-10-2016
Aecom	500	66.6	2-3-2012	2-3-2013
Aecom	750	150	7-6-2013	7-6-2018
Aecom	655	65.5	16-12-2013	19-12-2018
Aecom	961	96.1	16-12-2013	19-12-2018
Aecom	39	3.9	16-12-2013	19-12-2018
Aecom	1,050	105	29-1-2014	29-1-2019
Aecom	1,925	154	11-8-2014	17-10-2019
Aecom	1,188	95	11-8-2014	17-10-2021
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	500	40	11-8-2014	17-10-2019
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Airbus Group	4,345	75.6	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Babcock & Wilcox	700	70	22-5-2012	8-6-2017
Babcock & Wilcox	500	40	11-5-2015	11-5-2020
Babcock & Wilcox	400	32	11-5-2015	11-5-2020
Babcock & Wilcox	600	48	11-5-2015	11-5-2020
BAE Systems	3,161	131.7	8-12-2010	8-12-2015
BAE Systems	3,269	130.7	12-12-2013	12-12-2018
Bechtel	1,550	258.3	2-6-2011	2-6-2016
Bechtel	950	158.3	2-6-2011	2-6-2016
Bechtel	975	195	27-7-2012	27-7-2017
Bechtel	1,000	150	14-6-2013	14-6-2018

Bechtel	2,000	300	14-6-2013	14-6-2018
Bechtel	2,000	300	19-9-2014	17-10-2019
Bechtel	1,000	150	19-9-2014	17-10-2019
Bechtel	1,000	200	19-9-2014	17-10-2019
Boeing	2,300	42.8	5-11-2011	10-11-2016
Boeing	2,473	125	23-9-2014	15-10-2015
Boeing	2,473	125	23-9-2014	16-10-2019
CH2M Hill	600	120	6-12-2010	7-12-2015
CH2M Hill	900	72	19-4-2012	19-4-2017
CH2M Hill	1,100	220	22-3-2014	30-1-2019
Finmeccanica	3,181	190.8	28-7-2010	21-9-2015
Finmeccanica	3,001	100.1	9-7-2014	9-7-2019
Finmeccanica	2,212	90.1	6-7-2015	6-7-2020
Fluor	1,200	240	14-12-2010	14-12-2015
Fluor	1,800	270	7-11-2012	9-11-2017
Fluor	1,700	255	28-5-2014	28-5-2019
Fluor	1,800	270	28-5-2014	28-5-2019
General Dynamics	1,000	80	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	2,800	62.2	17-3-2011	31-3-2016
Honeywell International	3,000	128.6	30-3-2012	2-4-2017
Honeywell International	4,000	72.7	18-11-2013	10-12-2018
Honeywell International	4,000	480	30-6-2015	10-7-2020
Huntington Ingalls Industries	489	26.7	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35.5	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Jacobs Engineering	1,160	154.6	23-3-2012	23-3-2017
Jacobs Engineering	1,140	152	7-2-2014	7-2-2019
Jacobs Engineering	460	61.3	7-2-2014	7-2-2019
Jacobs Engineering	460	61.3	5-3-2015	5-3-2020
Jacobs Engineering	1,140	152	5-3-2015	5-3-2020
Lockheed Martin	1,500	120	26-8-2011	26-8-2016
Lockheed Martin	1,500	120	14-8-2014	14-8-2019
Moog	900	49.1	18-3-2011	18-3-2016
Moog	900	107.5	28-3-2013	28-3-2018
Moog	1,100	110	22-5-2014	22-5-2019
Northrop Grumman	575	21.6	31-3-2011	24-1-2017
Northrop Grumman	650	24.4	31-3-2011	24-1-2016
Northrop Grumman	500	12.5	18-8-2012	3-9-2013
Orbital ATK	400	32	9-9-2010	7-10-2015
Orbital ATK	600	48	9-9-2010	7-10-2015
Orbital ATK	200	20	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67.3	8-10-2013	1-11-2018
Orbital ATK	700	46.7	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Raytheon	1,400	280	13-12-2011	13-12-2016
Serco	1,159	72.5	21-2-2012	28-3-2017

Serco	45	8.9	12-3-2015	12-12-2016
Serco	714	44.6	12-3-2015	12-3-2019
Textron	1,000	100	30-9-2013	4-10-2018
Textron	500	50	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Bank of America (United States) underwrote share issuances for an estimated amount of US\$ 3,715.5 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Bank of America

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	492	491.5	4-4-2013
Airbus Group	2,987	597.4	9-4-2013
Airbus Group	2,987	597.4	9-4-2013
Airbus Group	166	166	1-8-2013
Safran	1,218	304.6	15-11-2013
Safran	1,153	1,152.9	3-3-2015
Serco	270	134.9	1-5-2014
Serco	785	156.9	16-4-2015
Serco	785	94.2	16-4-2015
Serco	62	12.3	16-4-2015
Serco	62	7.4	16-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Bank of America (United States) underwrote bond issuances for an estimated amount of US\$ 2,620 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Bank of America

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	400	100	8-3-2012	1-4-2017
Aecom	600	150	8-3-2012	1-4-2022
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
BAE Systems	619	154.8	30-5-2012	8-6-2022
Boeing	350	9.5	30-4-2013	15-11-2018
Boeing	300	24.8	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	8.8	28-10-2014	30-10-2017
Boeing	250	5.75	18-2-2015	1-3-2025
Boeing	250	7.5	18-2-2015	1-3-2035
Boeing	250	19.4	18-2-2015	1-3-2045
Finmeccanica	950	59.4	26-11-2013	19-1-2021
Finmeccanica	339	19.9	17-1-2014	19-1-2021
Fluor	500	150	18-11-2014	15-12-2024
General Dynamics	900	90	1-11-2012	15-11-2017
General Dynamics	1,000	100	1-11-2012	15-11-2022

General Dynamics	500	50	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23.3	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Lockheed Martin	750	60	12-2-2015	1-3-2025
Lockheed Martin	500	40	12-2-2015	1-3-2035
Lockheed Martin	1,000	80	12-2-2015	1-3-2045
Moog	300	40	18-11-2014	1-12-2022
Northrop Grumman	850	25.5	28-5-2013	1-6-2018
Northrop Grumman	1,050	31.5	28-5-2013	1-8-2023
Northrop Grumman	950	28.5	28-5-2013	1-6-2043
Northrop Grumman	600	60	3-2-2015	15-4-2045
Orbital ATK	300	50	22-10-2013	1-10-2021
Raytheon	1,100	88	27-11-2012	15-12-2022
Raytheon	300	78	24-11-2014	15-12-2024
Raytheon	300	78	24-11-2014	15-12-2044
Safran	155	77.5	9-2-2012	9-2-2019
Safran	540	270	9-2-2012	9-2-2022
Safran	505	252.5	9-2-2012	9-2-2024
Textron	250	25	23-1-2014	1-3-2021
Textron	350	35	23-1-2014	1-3-2024
Textron	350	88.5	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Bank of America (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 6,868 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Bank of America

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	62.8	1.35	31-3-2015
Boeing	United States	1,388.2	1.36	31-3-2015
Fluor	United States	44.8	0.54	31-3-2015
General Dynamics	United States	703.1	1.60	31-3-2015
Honeywell International	United States	1,551.4	1.91	31-3-2015
Huntington Ingalls Industries	United States	91.3	1.36	31-3-2015
Jacobs Engineering	United States	38.4	0.68	31-3-2015
Lockheed Martin	United States	1,245.1	1.97	31-3-2015
Moog	United States	22.8	0.91	31-3-2015
Northrop Grumman	United States	380.5	1.26	31-3-2015
Orbital ATK	United States	47.4	1.04	31-3-2015
Raytheon	United States	1,292.4	3.90	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

49. Bank of China (China)

Bank of China (China) has made an estimated US\$ 400 million available to the nuclear weapons companies listed in this report since January 2012.

Bank of China (China) provided loans for an estimated amount of US\$ 400 million to the nuclear weapon

companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank of China

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Boeing	2,300	41.8	5-11-2011	10-11-2016
Boeing	2,473	50	23-9-2014	15-10-2015
Boeing	2,473	50	23-9-2014	16-10-2019
Finmeccanica	3,001	100.1	9-7-2014	9-7-2019
Finmeccanica	2,212	60.8	6-7-2015	6-7-2020
Honeywell International	4,000	72.7	18-11-2013	10-12-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

50. Bank of Communications (China)

Bank of Communications (China) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Bank of Communications (China) provided loans for an estimated amount of US\$ 20 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank of Communications

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

51. Bank of East Asia (China)

Bank of East Asia (China) has made an estimated US\$ 25 million available to the nuclear weapons companies listed in this report since January 2012.

Bank of East Asia (China) provided loans for an estimated amount of US\$ 25 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank of East Asia

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

52. Bank of New York Mellon (United States)

Bank of New York Mellon (United States) has made an estimated US\$ 7,562 million available to the

nuclear weapons companies listed in this report since January 2012.

Bank of New York Mellon (United States) provided loans for an estimated amount of US\$ 591 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Bank of New York Mellon

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Textron	1,000	75	30-9-2013	4-10-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Bank of New York Mellon (United States) underwrote bond issuances for an estimated amount of US\$ 372 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Bank of New York Mellon

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	5	24-11-2014	15-12-2024

Raytheon	300	5	24-11-2014	15-12-2044
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	10	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Bank of New York Mellon (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 6,599 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Bank of New York Mellon

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	52	1.05	30-6-2015
Aerojet Rocketdyne	United States	11	0.87	30-6-2015
Airbus Group	The Netherlands	455	0.81	31-7-2015
BAE Systems	United Kingdom	510	2.11	19-1-2015
Boeing	United States	1,054	1.11	30-6-2015
Fluor	United States	164	2.12	30-6-2015
General Dynamics	United States	636	1.39	30-6-2015
Honeywell International	United States	1,351	1.69	30-6-2015
Huntington Ingalls Industries	United States	132	2.45	30-6-2015
Jacobs Engineering	United States	60	1.20	30-6-2015
Lockheed Martin	United States	735	1.28	30-6-2015
Moog	United States	29	1.19	30-6-2015
Northrop Grumman	United States	466	1.57	30-6-2015
Orbital ATK	United States	44	1.02	30-6-2015
Raytheon	United States	453	1.56	30-6-2015
Safran	France	215	0.69	31-7-2015
Serco	United Kingdom	56	2.35	11-3-2015
Textron	United States	174	1.41	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

53. Banner Bank (United States)

Banner Bank (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Banner Bank (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Banner Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

54. Barclays (United Kingdom)

Barclays (United Kingdom) has made an estimated US\$ 5,881 million available to the nuclear weapons companies listed in this report since January 2012.

Barclays (United Kingdom) provided loans for an estimated amount of US\$ 3,817 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Barclays

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	500	43	2-3-2012	2-3-2013
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,000	100	14-6-2013	14-6-2018
Bechtel	2,000	200	14-6-2013	14-6-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019
Engility	393	79	23-4-2014	9-5-2020
Engility	250	50	23-4-2014	9-5-2021
Engility	50	10	23-4-2014	9-5-2019
Engility	435	218	25-11-2014	26-8-2020
Engility	150	75	25-11-2014	26-8-2021
Engility	60	20	25-11-2014	26-8-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	45	6-7-2015	6-7-2020
Fluor	1,200	90	14-12-2010	14-12-2015
Fluor	1,700	227	28-5-2014	28-5-2019
Fluor	1,800	240	28-5-2014	28-5-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	400	30-6-2015	10-7-2020
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	500	13	18-8-2012	3-9-2013

Serco	1,159	72	21-2-2012	28-3-2017
Serco	45	9	12-3-2015	12-12-2016
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	88	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Barclays (United Kingdom) underwrote share issuances for an estimated amount of US\$ 102 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Barclays

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Serco	785	94	16-4-2015
Serco	62	7	16-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Barclays (United Kingdom) underwrote bond issuances for an estimated amount of US\$ 929 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Barclays

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	96	20-10-2014	29-10-2029
Boeing	150	50	30-4-2013	3-11-2014
Boeing	300	15	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	12	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	10	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Larsen & Toubro	49	49	29-3-2012	29-3-2022
Larsen & Toubro	49	49	10-4-2012	11-4-2022
Larsen & Toubro	18	5	21-1-2015	19-1-2018
Larsen & Toubro	18	5	21-1-2015	15-2-2017
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023

Northrop Grumman	950	29	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044
Serco	20	10	13-5-2013	14-5-2020
Serco	70	35	13-5-2013	14-5-2022
Serco	150	75	13-5-2013	14-5-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Barclays (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,034 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Barclays

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	1,034	3.98	18-2-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

55. BayernLB (Germany)

BayernLB (Germany) has made an estimated US\$ 437 million available to the nuclear weapons companies listed in this report since January 2012.

BayernLB (Germany) provided loans for an estimated amount of US\$ 428 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BayernLB

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	75.6	14-3-2011	14-4-2016
Airbus Group	3,797	66.1	14-10-2014	14-10-2019
BAE Systems	3,161	131.7	8-12-2010	8-12-2015
Boeing	2,300	41.8	5-11-2011	10-11-2016
Boeing	2,473	50	23-9-2014	15-10-2015
Boeing	2,473	50	23-9-2014	16-10-2019
Northrop Grumman	500	12.5	18-8-2012	3-9-2013

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

BayernLB (Germany) underwrote bond issuances for an estimated amount of US\$ 10 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by BayernLB

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

56. BB&T (United States)

BB&T (United States) has made an estimated US\$ 511 million available to the nuclear weapons companies listed in this report since January 2012.

BB&T (United States) provided loans for an estimated amount of US\$ 483 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BB&T

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

BB&T (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 28 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by BB&T

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Moog	United States	28	1.19	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

57. Beck, Mack & Oliver (United States)

Beck, Mack & Oliver (United States) has made an estimated US\$ 80 million available to the nuclear weapons companies listed in this report since January 2012.

Beck, Mack & Oliver (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 80 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Beck, Mack & Oliver

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	80	1.04	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

58. Bessemer Group (United States)

Bessemer Group (United States) has made an estimated US\$ 310 million available to the nuclear weapons companies listed in this report since January 2012.

Bessemer Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 310 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Bessemer Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	100	1.21	31-3-2015
Raytheon	United States	210	0.63	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

59. BlackRock (United States)

BlackRock (United States) has made an estimated US\$ 29,990 million available to the nuclear weapons companies listed in this report since January 2012.

BlackRock (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 28,919 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by BlackRock

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	445.9	8.96	30-6-2015
Aerojet Rocketdyne	United States	131.0	10.10	30-6-2015
Airbus Group	The Netherlands	2,987.0	6.71	31-12-2014
Babcock & Wilcox	United States	8.4	0.80	31-7-2015
BAE Systems	United Kingdom	1,628.4	6.40	18-2-2015
Boeing	United States	4,579.0	4.83	30-6-2015
Engility	United States	39.5	4.26	30-6-2015
Finmeccanica	Italy	128.0	1.61	31-7-2015
Fluor	United States	415.1	5.38	30-6-2015
General Dynamics	United States	2,551.9	5.59	30-6-2015
Honeywell International	United States	4,585.9	5.74	30-6-2015
Huntington Ingalls Industries	United States	373.0	6.91	30-6-2015
Jacobs Engineering	United States	340.3	6.73	30-6-2015
Larsen & Toubro	India	342.6	1.31	31-7-2015
Lockheed Martin	United States	3,524.1	6.08	30-6-2015
Moog	United States	259.2	10.82	30-6-2015
Northrop Grumman	United States	2,186.4	7.35	30-6-2015
Orbital ATK	United States	318.3	7.29	30-6-2015
Raytheon	United States	2,540.4	8.73	30-6-2015
Safran	France	667.7	2.27	30-6-2015
Serco	United Kingdom	68.3	2.96	11-3-2015
Textron	United States	640.4	5.18	30-6-2015
Thales	France	158.9	1.25	31-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

BlackRock (United States) owns or manages bonds of the nuclear weapon companies for an amount of

US\$ 1,070 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by BlackRock

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	108.6	5.35	31-5-2015
Airbus Group	The Netherlands	37.2	0.75	31-5-2015
BAE Systems	United Kingdom	26.1	0.50	31-3-2015
Boeing	United States	134.2	1.57	31-5-2015
Finmeccanica	Italy	147.2	3.03	30-11-2014
Fluor	United States	6.2	0.60	31-5-2015
General Dynamics	United States	58.1	1.71	31-5-2015
Honeywell International	United States	111.3	1.71	31-3-2015
Huntington Ingalls Industries	United States	46.0	3.50	31-5-2015
Lockheed Martin	United States	165.4	1.80	31-5-2015
Northrop Grumman	United States	115.4	1.78	31-5-2015
Raytheon	United States	79.4	1.47	31-5-2015
Textron	United States	16.3	0.56	31-5-2015
Thales	France	19.0	1.22	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

60. Blaylock Beal Van (United States)

Blaylock Beal Van (United States) has made an estimated US\$ 13 million available to the nuclear weapons companies listed in this report since January 2012.

Blaylock Beal Van (United States) underwrote bond issuances for an estimated amount of US\$ 13 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Blaylock Beal Van

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2045
Northrop Grumman	600	8	3-2-2015	15-4-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

61. BMO Financial Group (Canada)

BMO Financial Group (Canada) has made an estimated US\$ 995 million available to the nuclear weapons companies listed in this report since January 2012.

BMO Financial Group (Canada) provided loans for an estimated amount of US\$ 327 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BMO Financial Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

BMO Financial Group (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 668 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by BMO Financial Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	323	0.71	30-6-2015
Huntington Ingalls Industries	United States	85	1.58	30-6-2015
Jacobs Engineering	United States	35	0.69	30-6-2015
Northrop Grumman	United States	225	0.75	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

62. BNP Paribas (France)

BNP Paribas (France) has made an estimated US\$ 8,698 million available to the nuclear weapons companies listed in this report since January 2012.

BNP Paribas (France) provided loans for an estimated amount of US\$ 7,538 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BNP Paribas

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	157.5	13-7-2011	13-7-2016
Aecom	700	70.0	14-10-2011	19-10-2016
Aecom	1,000	100.0	14-10-2011	19-10-2016
Aecom	500	42.9	2-3-2012	2-3-2013
Aecom	750	20.5	7-6-2013	7-6-2018
Aecom	655	65.5	16-12-2013	19-12-2018
Aecom	961	96.1	16-12-2013	19-12-2018
Aecom	39	3.9	16-12-2013	19-12-2018
Aecom	1,050	105.0	29-1-2014	29-1-2019
Aecom	1,925	154.0	11-8-2014	17-10-2019
Aecom	1,188	95.0	11-8-2014	17-10-2021

Aecom	1,050	105.0	11-8-2014	17-10-2019
Aecom	500	40.0	11-8-2014	17-10-2019
Airbus Group	4,345	162.9	14-3-2011	14-4-2016
Airbus Group	3,797	134.0	14-10-2014	14-10-2019
Babcock & Wilcox	700	70.0	22-5-2012	8-6-2017
Babcock & Wilcox	500	40.0	11-5-2015	11-5-2020
Babcock & Wilcox	400	32.0	11-5-2015	11-5-2020
Babcock & Wilcox	600	48.0	11-5-2015	11-5-2020
BAE Systems	3,161	131.7	8-12-2010	8-12-2015
BAE Systems	3,269	130.7	12-12-2013	12-12-2018
Bechtel	1,550	258.3	2-6-2011	2-6-2016
Bechtel	950	158.3	2-6-2011	2-6-2016
Bechtel	975	195.0	27-7-2012	27-7-2017
Bechtel	1,000	150.0	14-6-2013	14-6-2018
Bechtel	2,000	300.0	14-6-2013	14-6-2018
Bechtel	2,000	300.0	19-9-2014	17-10-2019
Bechtel	1,000	150.0	19-9-2014	17-10-2019
Bechtel	1,000	200.0	19-9-2014	17-10-2019
Boeing	2,300	41.8	5-11-2011	10-11-2016
Boeing	2,473	90.0	23-9-2014	15-10-2015
Boeing	2,473	90.0	23-9-2014	16-10-2019
CH2M Hill	600	120.0	6-12-2010	7-12-2015
CH2M Hill	900	135.0	19-4-2012	19-4-2017
CH2M Hill	1,100	220.0	22-3-2014	30-1-2019
Finmeccanica	3,181	190.9	28-7-2010	21-9-2015
Finmeccanica	3,001	150.1	9-7-2014	9-7-2019
Finmeccanica	2,212	153.1	6-7-2015	6-7-2020
Fluor	1,200	240.0	14-12-2010	14-12-2015
Fluor	1,800	270.0	7-11-2012	9-11-2017
Fluor	1,700	255.0	28-5-2014	28-5-2019
Fluor	1,800	270.0	28-5-2014	28-5-2019
Honeywell International	2,800	62.2	17-3-2011	31-3-2016
Honeywell International	3,000	128.6	30-3-2012	2-4-2017
Honeywell International	4,000	72.7	18-11-2013	10-12-2018
Jacobs Engineering	1,160	139.2	23-3-2012	23-3-2017
Jacobs Engineering	1,160	154.7	23-3-2012	23-3-2017
Jacobs Engineering	1,140	62.2	7-2-2014	7-2-2019
Jacobs Engineering	1,140	152.0	7-2-2014	7-2-2019
Jacobs Engineering	460	61.3	7-2-2014	7-2-2019
Jacobs Engineering	460	61.3	5-3-2015	5-3-2020
Jacobs Engineering	1,140	152.0	5-3-2015	5-3-2020
Northrop Grumman	575	21.6	31-3-2011	24-1-2017
Northrop Grumman	650	24.4	31-3-2011	24-1-2016
Northrop Grumman	1,500	128.6	8-9-2011	8-9-2016
Northrop Grumman	500	12.5	18-8-2012	3-9-2013
Orbital ATK	400	14.1	9-9-2010	7-10-2015
Orbital ATK	600	21.2	9-9-2010	7-10-2015
Safran	2,122	121.3	18-11-2010	8-12-2015

Safran	1,320	176.0	21-10-2011	21-10-2016
Thales	1,979	107.9	17-12-2010	17-12-2015
Thales	1,835	122.3	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

BNP Paribas (France) underwrote bond issuances for an estimated amount of US\$ 1,148 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by BNP Paribas

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80.0	17-9-2014	15-10-2022
Aecom	800	80.0	17-9-2014	15-10-2024
Airbus Group	558	93.1	26-6-2015	1-7-2022
BAE Systems	619	154.8	30-5-2012	8-6-2022
Boeing	350	9.5	30-4-2013	15-11-2018
Boeing	300	9.0	28-10-2014	30-10-2021
Boeing	300	8.8	28-10-2014	30-10-2024
Boeing	250	15.0	28-10-2014	30-10-2017
Boeing	250	7.5	18-2-2015	1-3-2025
Boeing	250	7.9	18-2-2015	1-3-2035
Boeing	250	13.8	18-2-2015	1-3-2045
Finmeccanica	777	70.7	28-11-2012	5-12-2017
Finmeccanica	950	59.4	26-11-2013	19-1-2021
Finmeccanica	339	19.9	17-1-2014	19-1-2021
Fluor	500	85.0	18-11-2014	15-12-2024
Honeywell International	300	10.0	18-11-2013	1-12-2023
Honeywell International	700	23.3	18-11-2013	17-11-2015
Larsen & Toubro	200	66.7	9-9-2014	24-9-2019
Northrop Grumman	850	25.5	28-5-2013	1-6-2018
Northrop Grumman	1,050	31.5	28-5-2013	1-8-2023
Northrop Grumman	950	28.5	28-5-2013	1-6-2043
Northrop Grumman	600	24.0	3-2-2015	15-4-2045
Raytheon	1,100	60.0	27-11-2012	15-12-2022
Raytheon	300	8.3	24-11-2014	15-12-2024
Raytheon	300	8.3	24-11-2014	15-12-2044
Thales	648	92.6	13-3-2013	20-3-2018
Thales	389	55.5	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

BNP Paribas (France) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 11 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by BNP Paribas

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	11	0.70	30-11-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

63. BPCE Group (France)

BPCE Group (France) has made an estimated US\$ 2,617 million available to the nuclear weapons companies listed in this report since January 2012.

BPCE Group (France) provided loans for an estimated amount of US\$ 747 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by BPCE Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Finmeccanica	2,212	22	6-7-2015	6-7-2020
Safran	1,320	198	21-10-2011	21-10-2016
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

BPCE Group (France) underwrote bond issuances for an estimated amount of US\$ 305 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by BPCE Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	64	20-10-2014	29-10-2029
Airbus Group	558	93	26-6-2015	1-7-2022
Thales	648	93	13-3-2013	20-3-2018
Thales	389	56	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

BPCE Group (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 990 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by BPCE Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	100	1.33	30-4-2015
Safran	France	514	1.79	30-6-2015
Thales	France	377	2.94	30-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

BPCE Group (France) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 476 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by BPCE Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	42	2.09	31-5-2015

Aerojet Rocketdyne	United States	3	0.58	31-5-2015
Finmeccanica	Italy	229	4.72	31-5-2015
Huntington Ingalls Industries	United States	9	0.68	31-5-2015
Orbital ATK	United States	2	0.81	31-3-2015
Textron	United States	175	5.95	31-5-2015
Thales	France	15	0.96	31-12-2013

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

64. Burgundy Asset Management (Canada)

Burgundy Asset Management (Canada) has made an estimated US\$ 108 million available to the nuclear weapons companies listed in this report since January 2012.

Burgundy Asset Management (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 108 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Burgundy Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	108	1.94	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

65. Cacti Asset Management (United States)

Cacti Asset Management (United States) has made an estimated US\$ 27 million available to the nuclear weapons companies listed in this report since January 2012.

Cacti Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 27 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Cacti Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	27	0.53	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

66. Caisse de dépôt et placement du Québec (Canada)

Caisse de dépôt et placement du Québec (Canada) has made an estimated US\$ 578 million available to the nuclear weapons companies listed in this report since January 2012.

Caisse de dépôt et placement du Québec (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 578 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Caisse de dépôt et placement du Québec

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	578	0.92	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

67. California First National Bancorp (United States)

California First National Bancorp (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

California First National Bancorp (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by California First National Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

68. Cantor Fitzgerald (United States)

Cantor Fitzgerald (United States) has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

Cantor Fitzgerald (United States) underwrote bond issuances for an estimated amount of US\$ 6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Cantor Fitzgerald

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2021
Boeing	250	3	18-2-2015	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

69. Capital Group (United States)

Capital Group (United States) has made an estimated US\$ 33,098 million available to the nuclear weapons companies listed in this report since January 2012.

Capital Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 33,025 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Capital Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	2,953	5.79	6-3-2015
BAE Systems	United Kingdom	2,400	9.47	18-2-2015
Boeing	United States	10,603	10.40	31-3-2015
General Dynamics	United States	4,136	9.44	31-3-2015
Honeywell International	United States	691	0.85	31-3-2015
Jacobs Engineering	United States	274	4.90	31-3-2015
Lockheed Martin	United States	8,737	13.86	31-3-2015

Moog	United States	381	14.97	31-3-2015
Northrop Grumman	United States	837	2.77	31-3-2015
Orbital ATK	United States	46	1.02	31-3-2015
Safran	France	1,671	5.34	29-7-2015
Textron	United States	295	2.41	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Capital Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 73 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Capital Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	36	1.78	31-3-2015
Airbus Group	The Netherlands	37	0.75	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

70. Capital One Financial (United States)

Capital One Financial (United States) has made an estimated US\$ 274 million available to the nuclear weapons companies listed in this report since January 2012.

Capital One Financial (United States) provided loans for an estimated amount of US\$ 274 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Capital One Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	500	20	11-8-2014	17-10-2019
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

71. Carige Group (Italy)

Carige Group (Italy) has made an estimated US\$ 185 million available to the nuclear weapons companies listed in this report since January 2012.

Carige Group (Italy) provided loans for an estimated amount of US\$ 185 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Carige Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date

Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

72. Carlyle Group (United States)

Carlyle Group (United States) has made an estimated US\$ 163 million available to the nuclear weapons companies listed in this report since January 2012.

Carlyle Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 163 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Carlyle Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Textron	United States	163	1.33	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

73. Carmignac Gestion (France)

Carmignac Gestion (France) has made an estimated US\$ 270 million available to the nuclear weapons companies listed in this report since January 2012.

Carmignac Gestion (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 270 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Carmignac Gestion

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	270	1.05	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

74. Cascade Bancorp (United States)

Cascade Bancorp (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Cascade Bancorp (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Cascade Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

75. Central Bank of Libya (Libya)

Central Bank of Libya (Libya) has made an estimated US\$ 99 million available to the nuclear weapons companies listed in this report since January 2012.

Central Bank of Libya (Libya) provided loans for an estimated amount of US\$ 99 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Central Bank of Libya

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	39	29-1-2014	29-1-2019
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

76. Central Pacific Financial Corporation (United States)

Central Pacific Financial Corporation (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Central Pacific Financial Corporation (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Central Pacific Financial Corporation

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

77. Century Operating Corporation (United States)

Century Operating Corporation (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Century Operating Corporation (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Century Operating Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	40	0.71	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

78. Chang Hwa Commercial Bank (Taiwan)

Chang Hwa Commercial Bank (Taiwan) has made an estimated US\$ 35 million available to the nuclear weapons companies listed in this report since January 2012.

Chang Hwa Commercial Bank (Taiwan) provided loans for an estimated amount of US\$ 35 million to the

nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Chang Hwa Commercial Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

79. Charles Schwab Corporation (United States)

Charles Schwab Corporation (United States) has made an estimated US\$ 60 million available to the nuclear weapons companies listed in this report since January 2012.

Charles Schwab Corporation (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 60 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Charles Schwab Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	45,7	0.68	31-3-2015
Moog	United States	14,6	0.57	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

80. Chesapeake Partners Management (United States)

Chesapeake Partners Management (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Chesapeake Partners Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Chesapeake Partners Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	40	2.74	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

81. Chiba Bank (Japan)

Chiba Bank (Japan) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Chiba Bank (Japan) provided loans for an estimated amount of US\$ 20 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Chiba Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

82. Children's Investment Fund Management (United Kingdom)

Children's Investment Fund Management (United Kingdom) has made an estimated US\$ 1,647 million available to the nuclear weapons companies listed in this report since January 2012.

Children's Investment Fund Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,647 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Children's Investment Fund Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	1,647	2.98	15-5-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

83. CI Financial (Canada)

CI Financial (Canada) has made an estimated US\$ 85 million available to the nuclear weapons companies listed in this report since January 2012.

CI Financial (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 30.7 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by CI Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	30.8	0.68	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

CI Financial (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 54.7 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by CI Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	36.9	1.82	31-3-2015
Huntington Ingalls Industries	United States	17.8	1.35	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

84. Cigna (United States)

Cigna (United States) has made an estimated US\$ 2 million available to the nuclear weapons companies listed in this report since January 2012.

Cigna (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 2 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Cigna

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
MOOG	United States	2	0.69	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

85. Citadel (United States)

Citadel (United States) has made an estimated US\$ 368 million available to the nuclear weapons companies listed in this report since January 2012.

Citadel (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 368 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Citadel

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	67	0.81	31-3-2015
General Dynamics	United States	301	0.69	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

86. Citigroup (United States)

Citigroup (United States) has made an estimated US\$ 14,449 million available to the nuclear weapons companies listed in this report since January 2012.

Citigroup (United States) provided loans for an estimated amount of US\$ 11,545 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Citigroup

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	70	14-10-2011	19-10-2016
Aecom	1,000	100	14-10-2011	19-10-2016
Aecom	500	67	2-3-2012	2-3-2013
Aecom	655	66	16-12-2013	19-12-2018
Aecom	961	96	16-12-2013	19-12-2018
Aecom	39	4	16-12-2013	19-12-2018
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018

Bechtel	1,550	258	2-6-2011	2-6-2016
Bechtel	950	158	2-6-2011	2-6-2016
Bechtel	975	146	27-7-2012	27-7-2017
Bechtel	1,000	150	14-6-2013	14-6-2018
Bechtel	2,000	300	14-6-2013	14-6-2018
Bechtel	2,000	300	19-9-2014	17-10-2019
Bechtel	1,000	150	19-9-2014	17-10-2019
Bechtel	1,000	120	19-9-2014	17-10-2019
Boeing	2,300	460	5-11-2011	10-11-2016
Boeing	2,300	690	29-9-2012	14-10-2013
Boeing	2,300	690	29-9-2012	15-10-2017
Boeing	2,453	818	7-11-2013	7-11-2018
Boeing	2,393	798	7-11-2013	6-11-2014
Boeing	2,473	175	23-9-2014	15-10-2015
Boeing	2,473	175	23-9-2014	16-10-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	90	6-7-2015	6-7-2020
Fluor	1,800	270	7-11-2012	9-11-2017
Fluor	1,700	255	28-5-2014	28-5-2019
Fluor	1,800	270	28-5-2014	28-5-2019
Honeywell International	2,800	560	17-3-2011	31-3-2016
Honeywell International	3,000	600	30-3-2012	2-4-2017
Honeywell International	4,000	800	18-11-2013	10-12-2018
Honeywell International	4,000	480	30-6-2015	10-7-2020
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Lockheed Martin	1,500	120	26-8-2011	26-8-2016
Lockheed Martin	1,500	120	14-8-2014	14-8-2019
Northrop Grumman	1,500	150	8-9-2011	8-9-2016
Northrop Grumman	500	50	18-8-2012	3-9-2013
Northrop Grumman	1,775	355	29-8-2013	29-8-2018
Northrop Grumman	1,600	320	19-6-2015	8-7-2020
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018
Raytheon	1,400	76	13-12-2011	13-12-2016
Safran	2,122	121	18-11-2010	8-12-2015
Textron	1,000	100	30-9-2013	4-10-2018
Textron	500	50	23-1-2014	23-1-2019
Thales	1,979	88	17-12-2010	17-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Citigroup (United States) underwrote share issuances for an estimated amount of US\$ 348 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Citigroup

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Larsen & Toubro	34	17	12-6-2014
Larsen & Toubro	26	26	26-2-2015
Safran	1,218	305	15-11-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Citigroup (United States) underwrote bond issuances for an estimated amount of US\$ 2,556 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Citigroup

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	400	100	8-3-2012	1-4-2017
Aecom	600	150	8-3-2012	1-4-2022
Aerojet Rocketdyne	460	115	18-1-2013	15-3-2021
BAE Systems	800	267	30-9-2014	7-10-2024
BAE Systems	300	100	30-9-2014	7-10-2044
Boeing	350	35	30-4-2013	15-11-2018
Boeing	300	25	28-10-2014	30-10-2021
Boeing	300	25	28-10-2014	30-10-2024
Boeing	250	41	28-10-2014	30-10-2017
Boeing	250	28	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	34	18-11-2014	15-12-2024
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Larsen & Toubro	200	67	9-9-2014	24-9-2019
Lockheed Martin	750	60	12-2-2015	1-3-2025
Lockheed Martin	500	40	12-2-2015	1-3-2035
Lockheed Martin	1,000	80	12-2-2015	1-3-2045
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	24	3-2-2015	15-4-2045
Raytheon	1,100	88	27-11-2012	15-12-2022
Raytheon	300	30	24-11-2014	15-12-2024
Raytheon	300	30	24-11-2014	15-12-2044
Safran	155	78	9-2-2012	9-2-2019
Safran	540	270	9-2-2012	9-2-2022
Safran	505	253	9-2-2012	9-2-2024
Textron	250	25	23-1-2014	1-3-2021

Textron	350	35	23-1-2014	1-3-2024
Textron	350	22	23-10-2014	1-3-2025
Thales	648	93	13-3-2013	20-3-2018
Thales	389	56	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

87. Citizens Bank & Trust (United States)

Citizens Bank & Trust (United States) has made an estimated US\$ 36 million available to the nuclear weapons companies listed in this report since January 2012.

Citizens Bank & Trust (United States) provided loans for an estimated amount of US\$ 36 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Citizens Bank & Trust

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Babcock & Wilcox	600	36	11-5-2015	11-5-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

88. Citizens Financial Group (United States)

Citizens Financial Group (United States) has made an estimated US\$ 244 million available to the nuclear weapons companies listed in this report since January 2012.

Citizens Financial Group (United States) provided loans for an estimated amount of US\$ 244 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Citizens Financial Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Moog	900	49	18-3-2011	18-3-2016
Moog	900	85	28-3-2013	28-3-2018
Moog	1,100	110	22-5-2014	22-5-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

89. City National Corporation (United States)

City National Corporation (United States) has made an estimated US\$ 218 million available to the nuclear weapons companies listed in this report since January 2012.

City National Corporation (United States) provided loans for an estimated amount of US\$ 108 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by City National Corporation

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

City National Corporation (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 110 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by City National Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Textron	United States	110	0.89	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

90. CNO Financial Group (United States)

CNO Financial Group (United States) has made an estimated US\$ 65 million available to the nuclear weapons companies listed in this report since January 2012.

CNO Financial Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 65 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by CNO Financial Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	34.5	0.66	31-3-2015
Textron	United States	30.7	1.05	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

91. Columbia Threadneedle Investments (United States)

Columbia Threadneedle Investments (United States) has made an estimated US\$ 3,418 million available to the nuclear weapons companies listed in this report since January 2012.

Columbia Threadneedle Investments (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 3,418 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Columbia Threadneedle Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	8	0.56	31-3-2015
Boeing	United States	589	0.58	31-3-2015
General Dynamics	United States	422	0.96	31-3-2015
Honeywell International	United States	1,185	1.45	31-3-2015

Huntington Ingalls Industries	United States	34	0.50	31-3-2015
Lockheed Martin	United States	659	1.05	31-3-2015
Moog	United States	19	0.74	31-3-2015
Northrop Grumman	United States	217	0.72	31-3-2015
Orbital ATK	United States	36	0.80	31-3-2015
Raytheon	United States	248	0.75	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

92. Comerica (United States)

Comerica (United States) has made an estimated US\$ 355 million available to the nuclear weapons companies listed in this report since January 2012.

Comerica (United States) provided loans for an estimated amount of US\$ 355 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Comerica

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	1,050	39	29-1-2014	29-1-2019
Babcock & Wilcox	700	32.3	22-5-2012	8-6-2017
Lockheed Martin	16	6.4	30-4-2014	1-5-2015
Northrop Grumman	575	21.6	31-3-2011	24-1-2017
Northrop Grumman	650	24.4	31-3-2011	24-1-2016
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

93. Commerzbank (Germany)

Commerzbank (Germany) has made an estimated US\$ 1,947 million available to the nuclear weapons companies listed in this report since January 2012.

Commerzbank (Germany) provided loans for an estimated amount of US\$ 1,707 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Commerzbank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021

Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	139	6-7-2015	6-7-2020
Safran	2,122	121	18-11-2010	8-12-2015
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Commerzbank (Germany) underwrote bond issuances for an estimated amount of US\$ 240 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Commerzbank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	64	20-10-2014	29-10-2029
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

94. Commonwealth Bank of Australia (Australia)

Commonwealth Bank of Australia (Australia) has made an estimated US\$ 635 million available to the nuclear weapons companies listed in this report since January 2012.

Commonwealth Bank of Australia (Australia) provided loans for an estimated amount of US\$ 635 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Commonwealth Bank of Australia

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Honeywell International	4,000	73	18-11-2013	10-12-2018
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

95. Corpbay Financial Services (India)

Corpbay Financial Services (India) has made an estimated US\$ 11 million available to the nuclear weapons companies listed in this report since January 2012.

Corpbay Financial Services (India) underwrote bond issuances for an estimated amount of US\$ 11 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Corpbay Financial Services

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	36	5	13-6-2014	13-5-2016
Larsen & Toubro	45	6	13-6-2014	13-6-2016

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

96. Corsair Capital Management (United States)

Corsair Capital Management (United States) has made an estimated US\$ 60 million available to the nuclear weapons companies listed in this report since January 2012.

Corsair Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 60 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Corsair Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	60	1.31	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

97. Country Life Insurance Company (United States)

Country Life Insurance Company (United States) has made an estimated US\$ 10 million available to the nuclear weapons companies listed in this report since January 2012.

Country Life Insurance Company (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 10 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Country Life Insurance Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	10	0.70	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

98. Covéa Finance (France)

Covéa Finance (France) has made an estimated US\$ 10 million available to the nuclear weapons companies listed in this report since January 2012.

Covéa Finance (France) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 10 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Covéa Finance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	10	0.66	28-2-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

99. Crédit Agricole (France)

Crédit Agricole (France) has made an estimated US\$ 6,550 million available to the nuclear weapons companies listed in this report since January 2012.

Crédit Agricole (France) provided loans for an estimated amount of US\$ 4,128 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Crédit Agricole

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	40	11-5-2015	11-5-2020
Babcock & Wilcox	400	32	11-5-2015	11-5-2020
Babcock & Wilcox	600	48	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015

BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,550	258	2-6-2011	2-6-2016
Bechtel	950	158	2-6-2011	2-6-2016
Bechtel	975	146	27-7-2012	27-7-2017
Bechtel	1,000	100	14-6-2013	14-6-2018
Bechtel	2,000	200	14-6-2013	14-6-2018
Bechtel	2,000	200	19-9-2014	17-10-2019
Bechtel	1,000	100	19-9-2014	17-10-2019
Bechtel	1,000	120	19-9-2014	17-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	60	23-9-2014	15-10-2015
Boeing	2,473	60	23-9-2014	16-10-2019
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	139	6-7-2015	6-7-2020
Fluor	1,200	90	14-12-2010	14-12-2015
Fluor	1,800	180	7-11-2012	9-11-2017
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	120	14-8-2014	14-8-2019
Safran	2,122	255	18-11-2010	8-12-2015
Safran	1,320	176	21-10-2011	21-10-2016
Serco	1,159	72	21-2-2012	28-3-2017
Serco	45	9	12-3-2015	12-12-2016
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,979	88	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Crédit Agricole (France) underwrote share issuances for an estimated amount of US\$ 699 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Crédit Agricole

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	2,987	597.4	9-4-2013
Serco	785	94.3	16-4-2015
Serco	62	7.3	16-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Crédit Agricole (France) underwrote bond issuances for an estimated amount of US\$ 595 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Crédit Agricole

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	96.0	20-10-2014	29-10-2029

Boeing	350	9.5	30-4-2013	15-11-2018
Boeing	300	9.0	28-10-2014	30-10-2021
Boeing	300	9.0	28-10-2014	30-10-2024
Boeing	250	18.1	28-10-2014	30-10-2017
Boeing	250	5.8	18-2-2015	1-3-2025
Boeing	250	7.5	18-2-2015	1-3-2035
Boeing	250	7.9	18-2-2015	1-3-2045
Finmeccanica	777	70.7	28-11-2012	5-12-2017
Finmeccanica	950	59.4	26-11-2013	19-1-2021
Finmeccanica	339	19.9	17-1-2014	19-1-2021
Fluor	500	17.5	18-11-2014	15-12-2024
Lockheed Martin	750	13.5	12-2-2015	1-3-2025
Lockheed Martin	500	9.0	12-2-2015	1-3-2035
Lockheed Martin	1,000	18.0	12-2-2015	1-3-2045
Raytheon	1,100	60.0	27-11-2012	15-12-2022
Raytheon	300	8.3	24-11-2014	15-12-2024
Raytheon	300	8.3	24-11-2014	15-12-2044
Thales	648	92.6	13-3-2013	20-3-2018
Thales	389	55.5	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Crédit Agricole (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,093 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Crédit Agricole

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	535.0	1.06	30-6-2015
Finmeccanica	Italy	65.2	0.90	30-6-2015
Moog	United States	17.5	0.69	31-3-2015
Safran	France	330.9	1.17	30-6-2015
Thales	France	145.2	1.15	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Crédit Agricole (France) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 34 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Crédit Agricole

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	25	0.52	30-4-2014
Thales	France	9	0.56	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

100. Crédit Mutuel CIC Group (France)

Crédit Mutuel CIC Group (France) has made an estimated US\$ 1,674 million available to the nuclear weapons companies listed in this report since January 2012.

Crédit Mutuel CIC Group (France) provided loans for an estimated amount of US\$ 1,537 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or

maturing after August 2015.

Loans provided by Crédit Mutuel CIC Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	45	6-7-2015	6-7-2020
Lockheed Martin	1,500	35	14-8-2014	14-8-2019
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Safran	2,122	255	18-11-2010	8-12-2015
Safran	1,320	198	21-10-2011	21-10-2016
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Crédit Mutuel CIC Group (France) underwrote bond issuances for an estimated amount of US\$ 137 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Crédit Mutuel CIC Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Safran	275	137	7-4-2014	11-4-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

101. Crédit Suisse (Switzerland)

Crédit Suisse (Switzerland) has made an estimated US\$ 1,410 million available to the nuclear weapons companies listed in this report since January 2012.

Crédit Suisse (Switzerland) provided loans for an estimated amount of US\$ 769 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Crédit Suisse

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019

Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Northrop Grumman	575	58	31-3-2011	24-1-2017
Northrop Grumman	650	65	31-3-2011	24-1-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Raytheon	1,400	76	13-12-2011	13-12-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Crédit Suisse (Switzerland) underwrote share issuances for an estimated amount of US\$ 95 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Crédit Suisse

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Larsen & Toubro	95	95	14-3-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Crédit Suisse (Switzerland) underwrote bond issuances for an estimated amount of US\$ 516 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Crédit Suisse

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	34	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	21	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Northrop Grumman	600	24	3-2-2015	15-4-2045
Raytheon	1,100	88	27-11-2012	15-12-2022
Raytheon	300	30	24-11-2014	15-12-2024
Raytheon	300	30	24-11-2014	15-12-2044

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Crédit Suisse (Switzerland) owns or manages shares of the nuclear weapon companies for an amount of US\$ 30 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Crédit Suisse

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	30	0.54	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

102. Cuna Mutual Group (United States)

Cuna Mutual Group (United States) has made an estimated US\$ 15 million available to the nuclear weapons companies listed in this report since January 2012.

Cuna Mutual Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 15 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Cuna Mutual Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	15	1.05	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

103. D.E. Shaw & Co. (United States)

D.E. Shaw & Co. (United States) has made an estimated US\$ 392 million available to the nuclear weapons companies listed in this report since January 2012.

D.E. Shaw & Co. (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 392 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by D.E. Shaw & Co.

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	9	0.59	31-3-2015
General Dynamics	United States	246	0.56	31-3-2015
Huntington Ingalls Industries	United States	138	2.05	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

104. Danske Bank (Denmark)

Danske Bank (Denmark) has made an estimated US\$ 301 million available to the nuclear weapons companies listed in this report since January 2012.

Danske Bank (Denmark) provided loans for an estimated amount of US\$ 213 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Danske Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	3,797	66	14-10-2014	14-10-2019

Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	72.7	18-11-2013	10-12-2018
Northrop Grumman	500	12.5	18-8-2012	3-9-2013

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Danske Bank (Denmark) underwrote bond issuances for an estimated amount of US\$ 86 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Danske Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

105. Darashaw (India)

Darashaw (India) has made an estimated US\$ 15 million available to the nuclear weapons companies listed in this report since January 2012.

Darashaw (India) underwrote bond issuances for an estimated amount of US\$ 15 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Darashaw

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	5	5	12-12-2012	12-12-2022
Larsen & Toubro	51	10	14-12-2012	20-12-2022

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

106. DBS (Singapore)

DBS (Singapore) has made an estimated US\$ 520 million available to the nuclear weapons companies listed in this report since January 2012.

DBS (Singapore) provided loans for an estimated amount of US\$ 520 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by DBS

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019

Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

107. Deka Group (Germany)

Deka Group (Germany) has made an estimated US\$ 27 million available to the nuclear weapons companies listed in this report since January 2012.

Deka Group (Germany) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 27 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Deka Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	27	0.56	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

108. Deutsche Bank (Germany)

Deutsche Bank (Germany) has made an estimated US\$ 4,798 million available to the nuclear weapons companies listed in this report since January 2012.

Deutsche Bank (Germany) provided loans for an estimated amount of US\$ 1,915 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Deutsche Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019
Engility	393	79	23-4-2014	9-5-2020
Engility	250	50	23-4-2014	9-5-2021
Engility	50	10	23-4-2014	9-5-2019
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	400	30-6-2015	10-7-2020
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013

Safran	2,122	121	18-11-2010	8-12-2015
Thales	1,979	108	17-12-2010	17-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Deutsche Bank (Germany) underwrote bond issuances for an estimated amount of US\$ 1,240 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Deutsche Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
BAE Systems	800	267	30-9-2014	7-10-2024
BAE Systems	300	100	30-9-2014	7-10-2044
Boeing	150	50	30-4-2013	3-11-2014
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	25	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	28	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Honeywell International	300	30	18-11-2013	1-12-2023
Honeywell International	700	70	18-11-2013	17-11-2015
Larsen & Toubro	13	13	25-10-2012	24-10-2014
Larsen & Toubro	36	5	13-6-2014	13-5-2016
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	126	3-2-2015	15-4-2045
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044
Thales	648	93	13-3-2013	20-3-2018
Thales	389	56	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Deutsche Bank (Germany) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,361 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Deutsche Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	272	0.53	30-6-2015
BAE Systems	United Kingdom	381	1.64	1-8-2015
Fluor	United States	86	1.03	28-2-2015
Jacobs Engineering	United States	46	0.81	31-3-2015
Raytheon	United States	576	1.73	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Deutsche Bank (Germany) owns or manages bonds of the nuclear weapon companies for an amount of

US\$ 281 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Deutsche Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	10	1.79	28-2-2015
Boeing	United States	56	0.66	31-3-2015
General Dynamics	United States	52	1.53	31-3-2015
Honeywell International	United States	42	0.64	31-3-2015
Huntington Ingalls Industries	United States	10	0.79	28-2-2015
MOOG	United States	3	0.98	28-2-2015
Northrop Grumman	United States	44	0.67	31-3-2015
Raytheon	United States	52	0.96	31-3-2015
Thales	France	12	0.80	28-2-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

109. Dimensional Fund Advisors (United States)

Dimensional Fund Advisors (United States) has made an estimated US\$ 792 million available to the nuclear weapons companies listed in this report since January 2012.

Dimensional Fund Advisors (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 775 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Dimensional Fund Advisors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	77	1.66	31-3-2015
Aerojet Rocketdyne	United States	25	1.69	31-3-2015
Finmeccanica	Italy	48	0.62	31-5-2015
Huntington Ingalls Industries	United States	60	0.90	31-3-2015
Jacobs Engineering	United States	34	0.62	31-3-2015
Moog	United States	75	4.01	31-3-2015
Northrop Grumman	United States	359	1.19	31-3-2015
Orbital ATK	United States	97	2.14	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Dimensional Fund Advisors (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 17 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Dimensional Fund Advisors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	17	0.51	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

110. Divine Capital Markets (United States)

Divine Capital Markets (United States) has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

Divine Capital Markets (United States) underwrote bond issuances for an estimated amount of US\$ 6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Divine Capital Markets

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2021
Boeing	250	3	18-2-2015	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

111. Drexel Hamilton (United States)

Drexel Hamilton (United States) has made an estimated US\$ 109 million available to the nuclear weapons companies listed in this report since January 2012.

Drexel Hamilton (United States) underwrote bond issuances for an estimated amount of US\$ 109 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Drexel Hamilton

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3.0	28-10-2014	30-10-2024
Boeing	250	2.5	18-2-2015	1-3-2045
Lockheed Martin	750	3.8	12-2-2015	1-3-2025
Lockheed Martin	500	2.5	12-2-2015	1-3-2035
Lockheed Martin	1,000	5.0	12-2-2015	1-3-2045
Northrop Grumman	850	25.5	28-5-2013	1-6-2018
Northrop Grumman	1,050	31.5	28-5-2013	1-8-2023
Northrop Grumman	950	28.5	28-5-2013	1-6-2043
Northrop Grumman	600	7.5	3-2-2015	15-4-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

112. DZ Bank (Germany)

DZ Bank (Germany) has made an estimated US\$ 343 million available to the nuclear weapons companies listed in this report since January 2012.

DZ Bank (Germany) provided loans for an estimated amount of US\$ 141 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by DZ Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date

Airbus Group	4,345	75.6	14-3-2011	14-4-2016
Airbus Group	3,797	66.0	14-10-2014	14-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

DZ Bank (Germany) owns or manages shares of the nuclear weapon companies for an amount of US\$ 201 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by DZ Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Northrop Grumman	United States	201	0.67	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

113. E.SUN Financial (Taiwan)

E.SUN Financial (Taiwan) has made an estimated US\$ 135 million available to the nuclear weapons companies listed in this report since January 2012.

E.SUN Financial (Taiwan) provided loans for an estimated amount of US\$ 135 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by E.SUN Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	750	20	7-6-2013	7-6-2018
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

114. Earnest Partners (United States)

Earnest Partners (United States) has made an estimated US\$ 130 million available to the nuclear weapons companies listed in this report since January 2012.

Earnest Partners (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 130 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Earnest Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	41	0.61	31-3-2015
Moog	United States	89	3.51	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

115. Eastern Bank (United States)

Eastern Bank (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Eastern Bank (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Eastern Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

116. Eaton Vance (United States)

Eaton Vance (United States) has made an estimated US\$ 82 million available to the nuclear weapons companies listed in this report since January 2012.

Eaton Vance (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 39 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Eaton Vance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Moog	United States	39	1.53	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Eaton Vance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 43 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Eaton Vance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	18	3.16	31-5-2015
Huntington Ingalls Industries	United States	15	1.15	31-5-2015
Orbital ATK	United States	10	3.38	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

117. EdgePoint Investment Group (Canada)

EdgePoint Investment Group (Canada) has made an estimated US\$ 85 million available to the nuclear weapons companies listed in this report since January 2012.

EdgePoint Investment Group (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 85 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by EdgePoint Investment Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Jacobs Engineering	United States	85	1.69	30-6-2015
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Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

118. Edmond de Rothschild (Switzerland)

Edmond de Rothschild (Switzerland) has made an estimated US\$ 50 million available to the nuclear weapons companies listed in this report since January 2012.

Edmond de Rothschild (Switzerland) owns or manages shares of the nuclear weapon companies for an amount of US\$ 50 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Edmond de Rothschild

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	50	0.65	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

119. Equator Securities (Indonesia)

Equator Securities (Indonesia) has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

Equator Securities (Indonesia) underwrote bond issuances for an estimated amount of US\$ 6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Equator Securities

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	9	3	19-10-2012	17-4-2014
Larsen & Toubro	9	3	19-10-2012	17-10-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

120. Erste Group (Austria)

Erste Group (Austria) has made an estimated US\$ 76 million available to the nuclear weapons companies listed in this report since January 2012.

Erste Group (Austria) provided loans for an estimated amount of US\$ 76 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Erste Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

121. Evercore (United States)

Evercore (United States) has made an estimated US\$ 11,549 million available to the nuclear weapons companies listed in this report since January 2012.

Evercore (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 11,549 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Evercore

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	6,051	6.42	30-6-2015
General Dynamics	United States	3,486	7.62	30-6-2015
Honeywell International	United States	2,012	2.52	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

122. Export Development Canada (Canada)

Export Development Canada (Canada) has made an estimated US\$ 41 million available to the nuclear weapons companies listed in this report since January 2012.

Export Development Canada (Canada) provided loans for an estimated amount of US\$ 41 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Export Development Canada

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

123. Federated Investors (United States)

Federated Investors (United States) has made an estimated US\$ 22 million available to the nuclear weapons companies listed in this report since January 2012.

Federated Investors (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 22 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Federated Investors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Textron	United States	22	0.73	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

124. Ferguson Wellman Capital Management (United States)

Ferguson Wellman Capital Management (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Ferguson Wellman Capital Management (United States) provided loans for an estimated amount of US\$ 40 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Ferguson Wellman Capital Management

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aerojet Rocketdyne	50	10	18-11-2011	18-11-2016
Aerojet Rocketdyne	150	30	18-11-2011	18-11-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

125. Fidelity Investments (United States)

Fidelity Investments (United States) has made an estimated US\$ 7,657 million available to the nuclear weapons companies listed in this report since January 2012.

Fidelity Investments (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 7,550 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Fidelity Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	700	15.10	31-3-2015
Aerojet Rocketdyne	United States	92	6.28	31-3-2015
BAE Systems	United Kingdom	261	1.08	19-1-2015
Boeing	United States	2,268	2.22	31-3-2015
Engility	United States	72	6.49	31-3-2015
Finmeccanica	Italy	178	2.41	16-4-2015
General Dynamics	United States	346	0.79	31-3-2015
Honeywell International	United States	1,503	1.85	31-3-2015
Huntington Ingalls Industries	United States	345	5.15	31-3-2015
Jacobs Engineering	United States	307	5.49	31-3-2015
Moog	United States	83	3.27	31-3-2015
Orbital ATK	United States	150	3.29	31-3-2015
Raytheon	United States	289	0.87	31-3-2015
Safran	France	256	0.91	30-6-2015
Textron	United States	701	5.72	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Fidelity Investments (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 107 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Fidelity Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Aecom	United States	31	1.51	30-4-2015
Aerojet Rocketdyne	United States	3	0.58	30-4-2015
BAE Systems	United Kingdom	55	1.05	31-5-2015
Huntington Ingalls Industries	United States	18	1.38	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

126. Fidelity Worldwide Investment (Bermuda/ United Kingdom)

Fidelity Worldwide Investment (Bermuda/UK) has made an estimated US\$ 397 million available to the nuclear weapons companies listed in this report since January 2012.

Fidelity Worldwide Investment (Bermuda/UK) owns or manages shares of the nuclear weapon companies for an amount of US\$ 353 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Fidelity Worldwide Investment

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	137	2.45	31-3-2015
Serco	United Kingdom	50	2.22	11-3-2015
Textron	United States	68	0.56	31-3-2015
Thales	France	98	0.78	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Fidelity Worldwide Investment (Bermuda) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 44 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Fidelity Worldwide Investment

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	37	1.81	28-2-2015
Aerojet Rocketdyne	United States	7	1.34	30-11-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

127. Fiduciary Management (United States)

Fiduciary Management (United States) has made an estimated US\$ 737 million available to the nuclear weapons companies listed in this report since January 2012.

Fiduciary Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 737 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Fiduciary Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	737	0.90	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

128. Fiera Capital (Canada)

Fiera Capital (Canada) has made an estimated US\$ 17 million available to the nuclear weapons

companies listed in this report since January 2012.

Fiera Capital (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 17 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Fiera Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	17	0.51	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

129. Fifth Third Bancorp (United States)

Fifth Third Bancorp (United States) has made an estimated US\$ 435 million available to the nuclear weapons companies listed in this report since January 2012.

Fifth Third Bancorp (United States) provided loans for an estimated amount of US\$ 392 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Fifth Third Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Moog	900	49	18-3-2011	18-3-2016
Moog	900	30	28-3-2013	28-3-2018
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Fifth Third Bancorp (United States) underwrote bond issuances for an estimated amount of US\$ 43 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Fifth Third Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Textron	350	9	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

130. First Eagle Investment Management (United States)

First Eagle Investment Management (United States) has made an estimated US\$ 2,052 million available to the nuclear weapons companies listed in this report since January 2012.

First Eagle Investment Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,025 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by First Eagle Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	554	0.88	31-3-2015
Northrop Grumman	United States	942	3.12	31-3-2015
Orbital ATK	United States	267	5.86	31-3-2015
Raytheon	United States	261	0.79	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

First Eagle Investment Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 27 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by First Eagle Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	19	3.33	30-4-2015
Huntington Ingalls Industries	United States	9	0.67	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

131. First Financial Holding (Taiwan)

First Financial Holding (Taiwan) has made an estimated US\$ 56 million available to the nuclear weapons companies listed in this report since January 2012.

First Financial Holding (Taiwan) provided loans for an estimated amount of US\$ 56 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by First Financial Holding

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

132. First Horizon (United States)

First Horizon (United States) has made an estimated US\$ 23 million available to the nuclear weapons companies listed in this report since January 2012.

First Horizon (United States) underwrote bond issuances for an estimated amount of US\$ 23 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by First Horizon

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Moog	300	23	18-11-2014	1-12-2022

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

133. First Niagara Financial (United States)

First Niagara Financial (United States) has made an estimated US\$ 108 million available to the nuclear weapons companies listed in this report since January 2012.

First Niagara Financial (United States) provided loans for an estimated amount of US\$ 108 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by First Niagara Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Moog	900	49	18-3-2011	18-3-2016
Moog	900	30	28-3-2013	28-3-2018
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

134. First Pacific Advisors (United States)

First Pacific Advisors (United States) has made an estimated US\$ 48 million available to the nuclear weapons companies listed in this report since January 2012.

First Pacific Advisors (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 48 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by First Pacific Advisors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	48	0.97	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

135. Franklin Resources (United States)

Franklin Resources (United States) has made an estimated US\$ 5,903 million available to the nuclear weapons companies listed in this report since January 2012.

Franklin Resources (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 5,892 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Franklin Resources

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	1,489	5.83	18-2-2015
Boeing	United States	624	0.61	31-3-2015
General Dynamics	United States	460	1.05	31-3-2015
Honeywell International	United States	668	0.82	31-3-2015
Huntington Ingalls Industries	United States	286	4.26	31-3-2015
Larsen & Toubro	India	239	0.94	28-2-2015
Lockheed Martin	United States	916	1.45	31-3-2015
Northrop Grumman	United States	213	0.70	31-3-2015
Raytheon	United States	677	2.04	31-3-2015
Safran	France	169	0.55	30-4-2015
Serco	United Kingdom	79	2.15	25-2-2015
Textron	United States	71	0.58	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Franklin Resources (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 11 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Franklin Resources

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	11	0.54	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

136. Fubon Group (Taiwan)

Fubon Group (Taiwan) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Fubon Group (Taiwan) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Fubon Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

137. Gandhara Capital Management (United Kingdom)

Gandhara Capital Management (United Kingdom) has made an estimated US\$ 121 million available to the nuclear weapons companies listed in this report since January 2012.

Gandhara Capital Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 121 million (see table below). Only holdings of 0.50% or more of the

outstanding shares at the most recent available filing date are included.

Shareholdings managed by Gandhara Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	121	1.04	31-12-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

138. GE Capital Services (United States)

GE Capital Services (United States) has made an estimated US\$ 703 million available to the nuclear weapons companies listed in this report since January 2012.

GE Capital Services (United States) provided loans for an estimated amount of US\$ 171 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by GE Capital Services

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

GE Capital Services (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 532 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by GE Capital Services

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	100	1.17	31-3-2015
General Dynamics	United States	44	1.28	31-3-2015
Honeywell International	United States	125	1.92	31-3-2015
Lockheed Martin	United States	54	0.58	31-3-2015
Northrop Grumman	United States	115	1.78	31-3-2015
Raytheon	United States	80	1.48	31-3-2015
Textron	United States	15	0.51	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

139. General Atlantic (United States)

General Atlantic (United States) has made an estimated US\$ 269 million available to the nuclear weapons companies listed in this report since January 2012.

General Atlantic (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 269 million (see table below). Only holdings of 0.50% or more of the outstanding shares

at the most recent available filing date are included.

Shareholdings managed by General Atlantic

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	269	24.34	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

140. General Insurance Corporation of India (India)

General Insurance Corporation of India (India) has made an estimated US\$ 483 million available to the nuclear weapons companies listed in this report since January 2012.

General Insurance Corporation of India (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 483 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by General Insurance Corporation of India

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	483	1.88	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

141. General Re (United States)

General Re (United States) has made an estimated US\$ 35 million available to the nuclear weapons companies listed in this report since January 2012.

General Re (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 35 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by General Re

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	35	1.02	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

142. Geode Capital Management (United States)

Geode Capital Management (United States) has made an estimated US\$ 3,058 million available to the nuclear weapons companies listed in this report since January 2012.

Geode Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 3,058 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Geode Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	27	0.59	31-3-2015
Aerojet Rocketdyne	United States	8	0.58	31-3-2015
Boeing	United States	782	0.77	31-3-2015

Fluor	United States	66	0.80	31-3-2015
General Dynamics	United States	353	0.81	31-3-2015
Honeywell International	United States	635	0.78	31-3-2015
Huntington Ingalls Industries	United States	46	0.69	31-3-2015
Jacobs Engineering	United States	47	0.84	31-3-2015
Lockheed Martin	United States	428	0.68	31-3-2015
Moog	United States	23	0.89	31-3-2015
Northrop Grumman	United States	248	0.82	31-3-2015
Orbital ATK	United States	25	0.55	31-3-2015
Raytheon	United States	272	0.82	31-3-2015
Textron	United States	97	0.79	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

143. GGCP (United States)

GGCP (United States) has made an estimated US\$ 766 million available to the nuclear weapons companies listed in this report since January 2012.

GGCP (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 762 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by GGCP

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	208	14.67	5-8-2015
Honeywell International	United States	397	0.50	30-6-2015
Moog	United States	17	1.93	30-6-2015
Textron	United States	140	1.14	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

GGCP (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 4 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by GGCP

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	4	0.65	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

144. GIC (Singapore)

GIC (Singapore) has made an estimated US\$ 429 million available to the nuclear weapons companies listed in this report since January 2012.

GIC (Singapore) owns or manages shares of the nuclear weapon companies for an amount of US\$ 429 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by GIC

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	358	1.39	31-3-2015
Serco	United Kingdom	72	3.20	11-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

145. Glenmede Trust Company (United States)

Glenmede Trust Company (United States) has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Glenmede Trust Company (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 28 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Glenmede Trust Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	28	0.65	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

146. Goldman Sachs (United States)

Goldman Sachs (United States) has made an estimated US\$ 7,678 million available to the nuclear weapons companies listed in this report since January 2012.

Goldman Sachs (United States) provided loans for an estimated amount of US\$ 1,680 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Goldman Sachs

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	65	23-9-2014	15-10-2015
Boeing	2,473	65	23-9-2014	16-10-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	400	30-6-2015	10-7-2020
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013

Textron	1,000	75	30-9-2013	4-10-2018
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Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Goldman Sachs (United States) underwrote share issuances for an estimated amount of US\$ 2,570 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Goldman Sachs

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	2,158	1,079	6-12-2012
Airbus Group	2,947	1,473	17-4-2013
Larsen & Toubro	34	17	12-6-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Goldman Sachs (United States) underwrote bond issuances for an estimated amount of US\$ 1,342 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Goldman Sachs

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
BAE Systems	800	267	30-9-2014	7-10-2024
BAE Systems	300	100	30-9-2014	7-10-2044
Boeing	350	35	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	34	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	21	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	10	18-11-2014	15-12-2024
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Lockheed Martin	750	150	12-2-2015	1-3-2025
Lockheed Martin	500	100	12-2-2015	1-3-2035
Lockheed Martin	1,000	200	12-2-2015	1-3-2045
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	24	3-2-2015	15-4-2045
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	22	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Goldman Sachs (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,037 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Goldman Sachs

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	807	0.79	31-3-2015
Fluor	United States	71	0.87	31-3-2015
Honeywell International	United States	498	0.61	31-3-2015
Huntington Ingalls Industries	United States	34	0.51	31-3-2015
Jacobs Engineering	United States	83	1.48	31-3-2015
Moog	United States	67	2.63	31-3-2015
Northrop Grumman	United States	179	0.59	31-3-2015
Orbital ATK	United States	101	2.22	31-3-2015
Textron	United States	197	1.61	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Goldman Sachs (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 49 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Goldman Sachs

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	33	1.65	30-9-2014
MOOG	United States	16	5.25	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

147. Gotham Asset Management (United States)

Gotham Asset Management (United States) has made an estimated US\$ 304 million available to the nuclear weapons companies listed in this report since January 2012.

Gotham Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 304 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Gotham Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	6	0.53	31-3-2015
Fluor	United States	68	0.82	31-3-2015
Huntington Ingalls Industries	United States	77	1.14	31-3-2015
Jacobs Engineering	United States	50	0.90	31-3-2015
Moog	United States	33	1.31	31-3-2015
Orbital ATK	United States	70	1.54	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

148. Goto Capital Markets (United States)

Goto Capital Markets (United States) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Goto Capital Markets (United States) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Goto Capital Markets

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

149. Government Pension Fund- Global (Norway)

Norwegian Government Pension Fund (Norway) has made an estimated US\$ 874 million available to the nuclear weapons companies listed in this report since January 2012.

Norwegian Government Pension Fund (Norway) owns or manages shares of the nuclear weapon companies for an amount of US\$ 874 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Norwegian Government Pension Fund

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	47	1.04	31-12-2014
BAE Systems	United Kingdom	427	1.83	1-8-2015
Engility	United States	11	0.71	31-12-2014
Finmeccanica	Italy	95	1.74	31-12-2014
Fluor	United States	82	0.93	31-12-2014
Huntington Ingalls Industries	United States	45	0.84	31-12-2014
Moog	United States	29	1.16	31-12-2014
Thales	France	137	1.20	31-12-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

150. Grantham, Mayo, Van Otterloo & Co (United States)

Grantham, Mayo, Van Otterloo & Co (United States) has made an estimated US\$ 54 million available to the nuclear weapons companies listed in this report since January 2012.

Grantham, Mayo, Van Otterloo & Co (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 54 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Grantham, Mayo, Van Otterloo & Co

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	54	0.72	30-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

151. Great Pacific Securities (United States)

Great Pacific Securities (United States) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Great Pacific Securities (United States) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Great Pacific Securities

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	250	3	18-2-2015	1-3-2035

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

152. Great West Lifeco (Canada)

Great West Lifeco (Canada) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Great West Lifeco (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 20 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Great West Lifeco

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	20	1.40	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

153. Greenhaven Associates (United States)

Greenhaven Associates (United States) has made an estimated US\$ 457 million available to the nuclear weapons companies listed in this report since January 2012.

Greenhaven Associates (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 457 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Greenhaven Associates

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	457	0.89	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

154. Greenlight Capital (United States)

Greenlight Capital (United States) has made an estimated US\$ 202 million available to the nuclear weapons companies listed in this report since January 2012.

Greenlight Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 202 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Greenlight Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	202	4.36	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

155. Gruppo BPM (Italy)

Gruppo BPM (Italy) has made an estimated US\$ 284 million available to the nuclear weapons companies listed in this report since January 2012.

Gruppo BPM (Italy) provided loans for an estimated amount of US\$ 284 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Gruppo BPM

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	99	6-7-2015	6-7-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

156. Guggenheim Capital (United States)

Guggenheim Capital (United States) has made an estimated US\$ 319 million available to the nuclear weapons companies listed in this report since January 2012.

Guggenheim Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 151 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Guggenheim Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	42	0.51	31-3-2015
Jacobs Engineering	United States	44	0.79	31-3-2015
Orbital ATK	United States	66	1.44	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Guggenheim Capital (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 168 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Guggenheim Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	22	0.65	31-3-2015
Huntington Ingalls Industries	United States	12	0.94	30-6-2015
MOOG	United States	2	0.69	31-3-2015
Northrop Grumman	United States	76	1.17	31-3-2015
Orbital ATK	United States	3	0.91	31-3-2015
Raytheon	United States	33	0.61	31-3-2015
Safran	France	20	1.38	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

157. Guilford (United States)

Guilford (United States) has made an estimated US\$ 451 million available to the nuclear weapons

companies listed in this report since January 2012.

Guilford (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 451 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Guilford

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	109	2.08	31-3-2015
Boeing	United States	71	0.83	31-3-2015
Lockheed Martin	United States	80	0.87	31-3-2015
Northrop Grumman	United States	106	1.63	31-3-2015
Raytheon	United States	85	1.58	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

158. Gulf Bank (Kuwait)

Gulf Bank (Kuwait) has made an estimated US\$ 13 million available to the nuclear weapons companies listed in this report since January 2012.

Gulf Bank (Kuwait) provided loans for an estimated amount of US\$ 13 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Gulf Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Northrop Grumman	500	13	18-8-2012	3-9-2013

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

159. Gulf International Bank (Bahrain)

Gulf International Bank (Bahrain) has made an estimated US\$ 76 million available to the nuclear weapons companies listed in this report since January 2012.

Gulf International Bank (Bahrain) provided loans for an estimated amount of US\$ 76 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Gulf International Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Raytheon	1,400	76	13-12-2011	13-12-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

160. Hahn Capital Management (United States)

Hahn Capital Management (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Hahn Capital Management (United States) owns or manages shares of the nuclear weapon companies

for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Hahn Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	40	0.72	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

161. Hancock Holding (United States)

Hancock Holding (United States) has made an estimated US\$ 68 million available to the nuclear weapons companies listed in this report since January 2012.

Hancock Holding (United States) provided loans for an estimated amount of US\$ 68 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Hancock Holding

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	600	36	11-5-2015	11-5-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

162. Hanover Insurance (United States)

Hanover Insurance (United States) has made an estimated US\$ 2 million available to the nuclear weapons companies listed in this report since January 2012.

Hanover Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 2 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Hanover Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	2	0.67	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

163. Hartford Financial Services (United States)

Hartford Financial Services (United States) has made an estimated US\$ 181 million available to the nuclear weapons companies listed in this report since January 2012.

Hartford Financial Services (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 181 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Hartford Financial Services

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Aerojet Rocketdyne	United States	9	1.68	31-12-2014
BAE Systems	United Kingdom	35	0.67	31-3-2015
Boeing	United States	48	0.56	31-3-2015
Textron	United States	89	3.03	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

164. HDFC Bank (India)

HDFC Bank (India) has made an estimated US\$ 120 million available to the nuclear weapons companies listed in this report since January 2012.

HDFC Bank (India) underwrote bond issuances for an estimated amount of US\$ 120 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by HDFC Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	24	24	17-4-2012	17-4-2014
Larsen & Toubro	26	13	27-4-2012	25-4-2014
Larsen & Toubro	10	5	8-10-2012	8-10-2014
Larsen & Toubro	10	5	8-10-2012	5-11-2013
Larsen & Toubro	51	10	14-12-2012	20-12-2022
Larsen & Toubro	37	7	29-10-2013	28-10-2016
Larsen & Toubro	6	2	27-3-2014	8-4-2015
Larsen & Toubro	6	2	27-3-2014	7-4-2015
Larsen & Toubro	6	2	27-3-2014	6-4-2015
Larsen & Toubro	6	2	27-3-2014	8-4-2015
Larsen & Toubro	30	8	9-6-2014	9-6-2016
Larsen & Toubro	8	3	28-10-2014	27-10-2017
Larsen & Toubro	8	3	28-10-2014	28-9-2016
Larsen & Toubro	4	4	7-11-2014	16-12-2016
Larsen & Toubro	16	16	7-11-2014	16-2-2017
Larsen & Toubro	8	8	24-11-2014	14-12-2015
Larsen & Toubro	8	8	24-11-2014	21-4-2016

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

165. Helaba (Germany)

Helaba (Germany) has made an estimated US\$ 259 million available to the nuclear weapons companies listed in this report since January 2012.

Helaba (Germany) provided loans for an estimated amount of US\$ 259 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Helaba

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date

Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

166. HGK Asset Management (United States)

HGK Asset Management (United States) has made an estimated US\$ 45 million available to the nuclear weapons companies listed in this report since January 2012.

HGK Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 45 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by HGK Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	45	0.59	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

167. Hotchkis & Wiley Capital Management (United States)

Hotchkis & Wiley Capital Management (United States) has made an estimated US\$ 26 million available to the nuclear weapons companies listed in this report since January 2012.

Hotchkis & Wiley Capital Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 26 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Hotchkis & Wiley Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	26	1.30	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

168. Housing Development Finance Corporation (India)

Housing Development Finance Corporation (India) has made an estimated US\$ 630 million available to the nuclear weapons companies listed in this report since January 2012.

Housing Development Finance Corporation (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 533 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Housing Development Finance Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	533	2.07	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Housing Development Finance Corporation (India) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 97 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Housing Development Finance Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	97	1.23	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

169. HSBC (United Kingdom)

HSBC (United Kingdom) has made an estimated US\$ 4,469 million available to the nuclear weapons companies listed in this report since January 2012.

HSBC (United Kingdom) provided loans for an estimated amount of US\$ 3,582 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by HSBC

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	500	43	2-3-2012	2-3-2013
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
CH2M Hill	900	72	19-4-2012	19-4-2017
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	139	6-7-2015	6-7-2020
Fluor	1,700	227	28-5-2014	28-5-2019
Fluor	1,800	240	28-5-2014	28-5-2019
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018

Moog	900	180	18-3-2011	18-3-2016
Moog	900	120	28-3-2013	28-3-2018
Moog	1,100	220	22-5-2014	22-5-2019
Safran	2,122	255	18-11-2010	8-12-2015
Safran	1,320	176	21-10-2011	21-10-2016
Serco	1,159	72	21-2-2012	28-3-2017
Serco	45	9	12-3-2015	12-12-2016
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

HSBC (United Kingdom) underwrote share issuances for an estimated amount of US\$ 102 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by HSBC

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Serco	785	94	16-4-2015
Serco	62	7	16-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

HSBC (United Kingdom) underwrote bond issuances for an estimated amount of US\$ 738 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by HSBC

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Airbus Group	558	93	26-6-2015	1-7-2022
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	5	18-11-2014	15-12-2024
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Larsen & Toubro	36	9	14-6-2012	13-6-2014
Larsen & Toubro	36	9	14-6-2012	13-6-2014
Larsen & Toubro	31	31	21-12-2012	21-3-2014
Larsen & Toubro	36	5	13-6-2014	13-5-2016
Larsen & Toubro	45	6	13-6-2014	13-6-2016
Larsen & Toubro	49	49	2-2-2015	3-2-2016
Moog	300	40	18-11-2014	1-12-2022
Thales	648	93	13-3-2013	20-3-2018
Thales	389	56	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

HSBC (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of

US\$ 47 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by HSBC

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	47	0.56	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

170. Hua Nan Financial (Taiwan)

Hua Nan Financial (Taiwan) has made an estimated US\$ 85 million available to the nuclear weapons companies listed in this report since January 2012.

Hua Nan Financial (Taiwan) provided loans for an estimated amount of US\$ 85 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Hua Nan Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

171. Huntington Bancshares (United States)

Huntington Bancshares (United States) has made an estimated US\$ 1,615 million available to the nuclear weapons companies listed in this report since January 2012.

Huntington Bancshares (United States) provided loans for an estimated amount of US\$ 1,615 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Huntington Bancshares

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Boeing	2,453	818	7-11-2013	7-11-2018
Boeing	2,393	798	7-11-2013	6-11-2014

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

172. ICAP (India)

ICAP (India) has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

ICAP (India) underwrote bond issuances for an estimated amount of US\$ 7 million to the nuclear

weapon companies since January 2012 (see table below).

Underwriting of bond issuances by ICAP

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	6	1.56	27-3-2014	8-4-2015
Larsen & Toubro	6	1.56	27-3-2014	7-4-2015
Larsen & Toubro	6	1.56	27-3-2014	6-4-2015
Larsen & Toubro	6	1.56	27-3-2014	8-4-2015
Larsen & Toubro	0	0.13	12-6-2015	21-2-2017
Larsen & Toubro	0	0.11	12-6-2015	1-8-2017
Larsen & Toubro	0	0.01	12-6-2015	24-7-2017
Larsen & Toubro	0	0.01	12-6-2015	31-5-2017
Larsen & Toubro	0	0.01	12-6-2015	19-6-2017
Larsen & Toubro	0	0.02	12-6-2015	12-6-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

173. ICICI Bank (India)

ICICI Bank (India) has made an estimated US\$ 760 million available to the nuclear weapons companies listed in this report since January 2012.

ICICI Bank (India) provided loans for an estimated amount of US\$ 60 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by ICICI Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

ICICI Bank (India) underwrote bond issuances for an estimated amount of US\$ 82 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by ICICI Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	36	9	14-6-2012	13-6-2014
Larsen & Toubro	36	9	14-6-2012	13-6-2014
Larsen & Toubro	51	10	14-12-2012	20-12-2022
Larsen & Toubro	51	10	14-12-2012	20-12-2022
Larsen & Toubro	37	7	29-10-2013	28-10-2016
Larsen & Toubro	37	7	29-10-2013	28-10-2016
Larsen & Toubro	8	2	20-3-2014	27-3-2024
Larsen & Toubro	30	8	9-6-2014	9-6-2016
Larsen & Toubro	36	5	13-6-2014	13-5-2016

Larsen & Toubro	45	6	13-6-2014	13-6-2016
Larsen & Toubro	18	5	21-1-2015	19-1-2018
Larsen & Toubro	18	5	21-1-2015	15-2-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

ICICI Bank (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 507 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by ICICI Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	507	2.02	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

ICICI Bank (India) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 111 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by ICICI Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	111	1.41	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

174. IDFC (India)

IDFC (India) has made an estimated US\$ 60 million available to the nuclear weapons companies listed in this report since January 2012.

IDFC (India) underwrote bond issuances for an estimated amount of US\$ 9 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by IDFC

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	18	5	17-5-2013	15-5-2015
Larsen & Toubro	18	5	17-5-2013	15-5-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

IDFC (India) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 51 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by IDFC

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	51	0.65	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

175. Industrial and Commercial Bank of China (China)

Industrial and Commercial Bank of China (China) has made an estimated US\$ 306 million available to

the nuclear weapons companies listed in this report since January 2012.

Industrial and Commercial Bank of China (China) provided loans for an estimated amount of US\$ 306 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Industrial and Commercial Bank of China

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	25	23-9-2014	15-10-2015
Boeing	2,473	25	23-9-2014	16-10-2019
Honeywell International	4,000	73	18-11-2013	10-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

176. ING Group (Netherlands)

ING Group (Netherlands) has made an estimated US\$ 460 million available to the nuclear weapons companies listed in this report since January 2012.

ING Group (Netherlands) provided loans for an estimated amount of US\$ 443 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by ING Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Fluor	1,800	180	7-11-2012	9-11-2017
Safran	2,122	121	18-11-2010	8-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

ING Group (Netherlands) underwrote bond issuances for an estimated amount of US\$ 18 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by ING Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Fluor	500	18	18-11-2014	15-12-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

177. International Value Advisors (United States)

International Value Advisors (United States) has made an estimated US\$ 72 million available to the nuclear weapons companies listed in this report since January 2012.

International Value Advisors (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 72 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by International Value Advisors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	72	0.62	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

178. Intesa Sanpaolo (Italy)

Intesa Sanpaolo (Italy) has made an estimated US\$ 1,417 million available to the nuclear weapons companies listed in this report since January 2012.

Intesa Sanpaolo (Italy) provided loans for an estimated amount of US\$ 1,111 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Intesa Sanpaolo

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	153	6-7-2015	6-7-2020
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Northrop Grumman	500	13	18-8-2012	3-9-2013
Raytheon	1,400	76	13-12-2011	13-12-2016
Thales	1,979	88	17-12-2010	17-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Intesa Sanpaolo (Italy) underwrote bond issuances for an estimated amount of US\$ 305 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Intesa Sanpaolo

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045

Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	10	18-11-2014	15-12-2024
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

179. Invesco (United States)

Invesco (United States) has made an estimated US\$ 5,413 million available to the nuclear weapons companies listed in this report since January 2012.

Invesco (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 5,378 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Invesco

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	107	2.31	31-3-2015
Aerojet Rocketdyne	United States	8	0.51	31-3-2015
BAE Systems	United Kingdom	2,594	10.00	18-2-2015
Fluor	United States	82	0.99	31-3-2015
General Dynamics	United States	811	1.84	31-3-2015
Honeywell International	United States	533	0.64	31-3-2015
Huntington Ingalls Industries	United States	39	0.57	31-3-2015
Northrop Grumman	United States	244	0.80	31-3-2015
Raytheon	United States	397	1.19	31-3-2015
Serco	United Kingdom	60	2.64	17-4-2015
Textron	United States	504	4.11	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Invesco (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 35 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Invesco

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	16	0.77	30-4-2015
Aerojet Rocketdyne	United States	13	2.40	30-4-2015
MOOG	United States	6	2.03	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

180. Invest AD (United Arab Emirates)

Invest AD (United Arab Emirates) has made an estimated US\$ 76 million available to the nuclear weapons companies listed in this report since January 2012.

Invest AD (United Arab Emirates) provided loans for an estimated amount of US\$ 76 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Invest AD

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Raytheon	1,400	76	13-12-2011	13-12-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

181. IONIC Capital Management (United States)

IONIC Capital Management (United States) has made an estimated US\$ 41 million available to the nuclear weapons companies listed in this report since January 2012.

IONIC Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 41 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by IONIC Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	41	2.82	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

182. Ivory Investment Management (United States)

Ivory Investment Management (United States) has made an estimated US\$ 89 million available to the nuclear weapons companies listed in this report since January 2012.

Ivory Investment Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 89 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ivory Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	89	1.92	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

183. Jacobs Levy Equity Management (United States)

Jacobs Levy Equity Management (United States) has made an estimated US\$ 45 million available to the nuclear weapons companies listed in this report since January 2012.

Jacobs Levy Equity Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 45 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Jacobs Levy Equity Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date

Huntington Ingalls Industries	United States	45	0.68	31-3-2015
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Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

184. Janus Capital Group (United States)

Janus Capital Group (United States) has made an estimated US\$ 2,179 million available to the nuclear weapons companies listed in this report since January 2012.

Janus Capital Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,179 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Janus Capital Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	507	0.50	31-3-2015
General Dynamics	United States	262	0.59	31-3-2015
Honeywell International	United States	521	0.64	31-3-2015
Lockheed Martin	United States	479	0.76	31-3-2015
Northrop Grumman	United States	204	0.68	31-3-2015
Raytheon	United States	206	0.62	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

185. JPMorgan Chase (United States)

JPMorgan Chase (United States) has made an estimated US\$ 20,041 million available to the nuclear weapons companies listed in this report since January 2012.

JPMorgan Chase (United States) provided loans for an estimated amount of US\$ 12,106 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by JPMorgan Chase

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	750	20	7-6-2013	7-6-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	154	11-8-2014	17-10-2019
Aecom	1,188	95	11-8-2014	17-10-2021
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	500	40	11-8-2014	17-10-2019
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Babcock & Wilcox	700	70	22-5-2012	8-6-2017
Babcock & Wilcox	500	40	11-5-2015	11-5-2020

Babcock & Wilcox	400	32	11-5-2015	11-5-2020
Babcock & Wilcox	600	48	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	975	146	27-7-2012	27-7-2017
Bechtel	1,000	100	14-6-2013	14-6-2018
Bechtel	2,000	200	14-6-2013	14-6-2018
Bechtel	2,000	200	19-9-2014	17-10-2019
Bechtel	1,000	100	19-9-2014	17-10-2019
Bechtel	1,000	120	19-9-2014	17-10-2019
Boeing	2,300	460	5-11-2011	10-11-2016
Boeing	2,300	690	29-9-2012	14-10-2013
Boeing	2,300	690	29-9-2012	15-10-2017
Boeing	2,453	818	7-11-2013	7-11-2018
Boeing	2,393	798	7-11-2013	6-11-2014
Boeing	2,473	175	23-9-2014	15-10-2015
Boeing	2,473	175	23-9-2014	16-10-2019
CH2M Hill	600	120	6-12-2010	7-12-2015
CH2M Hill	900	135	19-4-2012	19-4-2017
CH2M Hill	1,100	220	22-3-2014	30-1-2019
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	23	6-7-2015	6-7-2020
Fluor	1,200	90	14-12-2010	14-12-2015
General Dynamics	1,000	80	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	2,800	560	17-3-2011	31-3-2016
Honeywell International	3,000	600	30-3-2012	2-4-2017
Honeywell International	4,000	800	18-11-2013	10-12-2018
Honeywell International	4,000	480	30-6-2015	10-7-2020
Huntington Ingalls Industries	489	49	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	65	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Lockheed Martin	1,500	120	26-8-2011	26-8-2016
Lockheed Martin	16	10	30-4-2014	1-5-2015
Lockheed Martin	1,500	120	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	108	28-3-2013	28-3-2018
Moog	1,100	110	22-5-2014	22-5-2019
Northrop Grumman	575	58	31-3-2011	24-1-2017
Northrop Grumman	650	65	31-3-2011	24-1-2016
Northrop Grumman	1,500	150	8-9-2011	8-9-2016
Northrop Grumman	500	50	18-8-2012	3-9-2013
Northrop Grumman	1,775	355	29-8-2013	29-8-2018
Northrop Grumman	1,600	320	19-6-2015	8-7-2020
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017

Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Raytheon	1,400	280	13-12-2011	13-12-2016
Serco	1,159	72	21-2-2012	28-3-2017
Serco	45	9	12-3-2015	12-12-2016
Serco	714	45	12-3-2015	12-3-2019
Textron	1,000	100	30-9-2013	4-10-2018
Textron	500	50	23-1-2014	23-1-2019
Textron	700	420	24-1-2014	23-1-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

JPMorgan Chase (United States) underwrote share issuances for an estimated amount of US\$ 406 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by JPMorgan Chase

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Serco	270	135	1-5-2014
Serco	785	157	16-4-2015
Serco	785	94	16-4-2015
Serco	62	12	16-4-2015
Serco	62	7	16-4-2015

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

JPMorgan Chase (United States) underwrote bond issuances for an estimated amount of US\$ 2,037 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by JPMorgan Chase

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Airbus Group	558	93	26-6-2015	1-7-2022
Boeing	350	35	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	25	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	29	18-2-2015	1-3-2025
Boeing	250	21	18-2-2015	1-3-2035
Boeing	250	19	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
General Dynamics	900	90	1-11-2012	15-11-2017
General Dynamics	1,000	100	1-11-2012	15-11-2022
General Dynamics	500	50	1-11-2012	15-11-2042

Honeywell International	300	30	18-11-2013	1-12-2023
Honeywell International	700	70	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Lockheed Martin	750	135	12-2-2015	1-3-2025
Lockheed Martin	500	90	12-2-2015	1-3-2035
Lockheed Martin	1,000	180	12-2-2015	1-3-2045
Moog	300	40	18-11-2014	1-12-2022
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	126	3-2-2015	15-4-2045
Raytheon	1,100	88	27-11-2012	15-12-2022
Raytheon	300	78	24-11-2014	15-12-2024
Raytheon	300	78	24-11-2014	15-12-2044
Textron	250	25	23-1-2014	1-3-2021
Textron	350	35	23-1-2014	1-3-2024
Textron	350	22	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

JPMorgan Chase (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 5,349 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by JPMorgan Chase

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	67	1.45	31-3-2015
BAE Systems	United Kingdom	172	0.72	19-1-2015
Engility	United States	32	2.94	31-3-2015
Fluor	United States	914	11.02	31-3-2015
General Dynamics	United States	241	0.55	31-3-2015
Honeywell International	United States	3,117	3.82	31-3-2015
Huntington Ingalls Industries	United States	145	2.17	31-3-2015
Jacobs Engineering	United States	167	2.98	31-3-2015
Northrop Grumman	United States	396	1.31	31-3-2015
Thales	France	98	0.77	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

JPMorgan Chase (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 144 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by JPMorgan Chase

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	65	3.20	30-4-2015
Aerojet Rocketdyne	United States	24	4.33	28-2-2015
BAE Systems	United Kingdom	31	0.60	31-5-2015
Fluor	United States	9	0.90	31-5-2015
Orbital ATK	United States	14	4.74	28-2-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

186. Jupiter Investment Management Group (United Kingdom)

Jupiter Investment Management Group (United Kingdom) has made an estimated US\$ 288 million available to the nuclear weapons companies listed in this report since January 2012.

Jupiter Investment Management Group (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 288 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Jupiter Investment Management Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	288	1.19	19-1-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

187. KBC Group (Belgium)

KBC Group (Belgium) has made an estimated US\$ 117 million available to the nuclear weapons companies listed in this report since January 2012.

KBC Group (Belgium) provided loans for an estimated amount of US\$ 117 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by KBC Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

188. Keely Holdings (United States)

Keely Holdings (United States) has made an estimated US\$ 44 million available to the nuclear weapons companies listed in this report since January 2012.

Keely Holdings (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 44 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Keely Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	44	2.99	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

189. Kennedy Capital Management (United States)

Kennedy Capital Management (United States) has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

Kennedy Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 21 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Kennedy Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	21	1.46	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

190. KeyCorp (United States)

KeyCorp (United States) has made an estimated US\$ 135 million available to the nuclear weapons companies listed in this report since January 2012.

KeyCorp (United States) provided loans for an estimated amount of US\$ 135 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by KeyCorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	600	40	23-9-2011	30-9-2016
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

191. KfW (Germany)

KfW (Germany) has made an estimated US\$ 142 million available to the nuclear weapons companies listed in this report since January 2012.

KfW (Germany) provided loans for an estimated amount of US\$ 142 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by KfW

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

192. Kingstown Capital Management (United States)

Kingstown Capital Management (United States) has made an estimated US\$ 74 million available to the nuclear weapons companies listed in this report since January 2012.

Kingstown Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 74 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Kingstown Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	74	5.08	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

193. Knights of Columbus (United States)

Knights of Columbus (United States) has made an estimated US\$ 80 million available to the nuclear weapons companies listed in this report since January 2012.

Knights of Columbus (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 80 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Knights of Columbus

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	8	0.78	31-3-2015
Honeywell International	United States	47	0.72	31-3-2015
Textron	United States	25	0.85	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

194. Kohlberg Kravis Roberts & Co (United States)

Kohlberg Kravis Roberts & Co (United States) has made an estimated US\$ 603 million available to the nuclear weapons companies listed in this report since January 2012.

Kohlberg Kravis Roberts & Co (United States) provided loans for an estimated amount of US\$ 334 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Kohlberg Kravis Roberts & Co

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Engility	393	79	23-4-2014	9-5-2020
Engility	250	50	23-4-2014	9-5-2021
Engility	50	10	23-4-2014	9-5-2019
Engility	585	195	12-11-2014	12-11-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Kohlberg Kravis Roberts & Co (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 269 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Kohlberg Kravis Roberts & Co

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	269	24.34	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

195. Kotak Mahindra Bank (India)

Kotak Mahindra Bank (India) has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

Kotak Mahindra Bank (India) underwrote bond issuances for an estimated amount of US\$ 21 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Kotak Mahindra Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	9	9	16-5-2012	16-5-2019
Larsen & Toubro	11	6	15-11-2012	26-3-2014
Larsen & Toubro	11	6	15-11-2012	16-5-2014

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

196. Kovitz Investment Group (United States)

Kovitz Investment Group (United States) has made an estimated US\$ 46 million available to the nuclear weapons companies listed in this report since January 2012.

Kovitz Investment Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 46 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Kovitz Investment Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	46	0.83	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

197. L&T Employees Welfare Foundation (India)

L&T Employees Welfare Foundation (India) has made an estimated US\$ 3,082 million available to the nuclear weapons companies listed in this report since January 2012.

L&T Employees Welfare Foundation (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 3,082 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by L&T Employees Welfare Foundation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	3,082	11.99	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

198. Lalitabai Lalchand Charity (India)

Lalitabai Lalchand Charity (India) has made an estimated US\$ 1 million available to the nuclear weapons companies listed in this report since January 2012.

Lalitabai Lalchand Charity (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lalitabai Lalchand Charity

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Walchandnagar Industries	India	1	1.00	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

199. Lancaster Investment Management (United Kingdom)

Lancaster Investment Management (United Kingdom) has made an estimated US\$ 45 million available to the nuclear weapons companies listed in this report since January 2012.

Lancaster Investment Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 45 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lancaster Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	45	2.00	11-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

200. Land Bank of Taiwan (Taiwan)

Land Bank of Taiwan (Taiwan) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Land Bank of Taiwan (Taiwan) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Land Bank of Taiwan

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

201. Landesbank Baden-Württemberg (LBBW) (Germany)

Landesbank Baden-Württemberg (LBBW) (Germany) has made an estimated US\$ 66 million available to the nuclear weapons companies listed in this report since January 2012.

Landesbank Baden-Württemberg (LBBW) (Germany) provided loans for an estimated amount of US\$ 66 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Landesbank Baden-Württemberg (LBBW)

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	3,797	66	14-10-2014	14-10-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

202. Lawson Kroeker Investment Management (United States)

Lawson Kroeker Investment Management (United States) has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

Lawson Kroeker Investment Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 7 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lawson Kroeker Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	7	0.51	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

203. Lazard (United States)

Lazard (United States) has made an estimated US\$ 545 million available to the nuclear weapons companies listed in this report since January 2012.

Lazard (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 545 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lazard

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	545	0.67	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

204. Lebenthal Holdings (United States)

Lebenthal Holdings (United States) has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Lebenthal Holdings (United States) underwrote bond issuances for an estimated amount of US\$ 28 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Lebenthal Holdings

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
Lockheed Martin	750	4	12-2-2015	1-3-2025
Lockheed Martin	500	3	12-2-2015	1-3-2035
Lockheed Martin	1,000	5	12-2-2015	1-3-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

205. Legal & General (United Kingdom)

Legal & General (United Kingdom) has made an estimated US\$ 755 million available to the nuclear weapons companies listed in this report since January 2012.

Legal & General (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 732 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Legal & General

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	642	2.75	1-8-2015
Fluor	United States	39	0.50	30-6-2015
Serco	United Kingdom	52	2.33	1-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Legal & General (United Kingdom) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 23 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Legal & General

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	19	3.41	31-3-2015
MOOG	United States	4	1.43	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

206. Legg Mason (United States)

Legg Mason (United States) has made an estimated US\$ 2,182 million available to the nuclear weapons companies listed in this report since January 2012.

Legg Mason (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,726 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Legg Mason

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	14	1.10	30-6-2015
Engility	United States	14	1.29	31-3-2015
Fluor	United States	667	8.05	31-3-2015
Honeywell International	United States	466	0.58	31-3-2015
Orbital ATK	United States	95	2.10	31-3-2015
Raytheon	United States	469	1.42	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Legg Mason (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 456 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Legg Mason

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	4	0.77	31-5-2015

Boeing	United States	120	1.40	31-3-2015
Fluor	United States	5	0.51	31-3-2015
Honeywell International	United States	43	0.66	31-3-2015
Lockheed Martin	United States	94	1.02	31-3-2015
Northrop Grumman	United States	78	1.20	31-3-2015
Orbital ATK	United States	5	1.62	31-5-2015
Raytheon	United States	88	1.63	31-3-2015
Safran	France	20	1.40	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

207. Letko Brosseau & Associates (Canada)

Letko Brosseau & Associates (Canada) has made an estimated US\$ 52 million available to the nuclear weapons companies listed in this report since January 2012.

Letko Brosseau & Associates (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 52 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Letko Brosseau & Associates

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	52	0.67	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

208. Leucadia National Corporation (United States)

Leucadia National Corporation (United States) has made an estimated US\$ 508 million available to the nuclear weapons companies listed in this report since January 2012.

Leucadia National Corporation (United States) provided loans for an estimated amount of US\$ 508 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Leucadia National Corporation

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Engility	585	195	12-11-2014	12-11-2015
Engility	435	218	25-11-2014	26-8-2020
Engility	150	75	25-11-2014	26-8-2021
Engility	60	20	25-11-2014	26-8-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

209. Liberty Mutual Insurance (United States)

Liberty Mutual Insurance (United States) has made an estimated US\$ 339 million available to the nuclear weapons companies listed in this report since January 2012.

Liberty Mutual Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 339 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Liberty Mutual Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	82	1.66	31-3-2015
BAE Systems	United Kingdom	77	1.48	31-3-2015
Boeing	United States	50	0.58	31-3-2015
Lockheed Martin	United States	64	0.70	31-3-2015
MOOG	United States	2	0.71	31-3-2015
Orbital ATK	United States	5	1.56	31-3-2015
Raytheon	United States	59	1.09	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

210. Libyan Investment Authority (Libya)

Libyan Investment Authority (Libya) has made an estimated US\$ 146 million available to the nuclear weapons companies listed in this report since January 2012.

Libyan Investment Authority (Libya) owns or manages shares of the nuclear weapon companies for an amount of US\$ 146 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Libyan Investment Authority

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Finmeccanica	Italy	146	2.01	10-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

211. Life Insurance Corporation of India (India)

Life Insurance Corporation of India (India) has made an estimated US\$ 4,298 million available to the nuclear weapons companies listed in this report since January 2012.

Life Insurance Corporation of India (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 4,298 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Life Insurance Corporation of India

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	4,294	16.71	31-3-2015
Walchandnagar Industries	India	3	3.62	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

212. LKP Group (India)

LKP Group (India) has made an estimated US\$ 104 million available to the nuclear weapons companies listed in this report since January 2012.

LKP Group (India) underwrote bond issuances for an estimated amount of US\$ 104 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by LKP Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	36	9.0	14-6-2012	13-6-2014
Larsen & Toubro	36	9.0	14-6-2012	13-6-2014
Larsen & Toubro	13	4.2	27-7-2012	25-7-2014
Larsen & Toubro	9	3.1	19-10-2012	17-4-2014
Larsen & Toubro	9	3.1	19-10-2012	17-10-2014
Larsen & Toubro	11	5.7	15-11-2012	26-3-2014
Larsen & Toubro	11	5.7	15-11-2012	16-5-2014
Larsen & Toubro	18	4.6	17-5-2013	15-5-2015
Larsen & Toubro	18	4.6	17-5-2013	15-5-2015
Larsen & Toubro	2	0.8	3-6-2014	3-12-2015
Larsen & Toubro	3	1.3	3-6-2014	3-6-2016
Larsen & Toubro	30	7.6	9-6-2014	9-6-2016
Larsen & Toubro	36	4.5	13-6-2014	13-5-2016
Larsen & Toubro	45	6.5	13-6-2014	13-6-2016
Larsen & Toubro	1	0.4	27-8-2014	16-8-2016
Larsen & Toubro	2	0.8	27-8-2014	19-9-2016
Larsen & Toubro	2	0.8	27-8-2014	26-8-2016
Larsen & Toubro	8	2.8	27-8-2014	10-2-2016
Larsen & Toubro	83	27.6	27-8-2014	28-12-2015
Larsen & Toubro	2	2.4	21-7-2015	12-7-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

213. Lloyds Banking Group (United Kingdom)

Lloyds Banking Group (United Kingdom) has made an estimated US\$ 1,921 million available to the nuclear weapons companies listed in this report since January 2012.

Lloyds Banking Group (United Kingdom) provided loans for an estimated amount of US\$ 1,402 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Lloyds Banking Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,550	258	2-6-2011	2-6-2016
Bechtel	950	158	2-6-2011	2-6-2016
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	50	23-9-2014	15-10-2015
Boeing	2,473	50	23-9-2014	16-10-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016

Honeywell International	4,000	73	18-11-2013	10-12-2018
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	500	13	18-8-2012	3-9-2013
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Lloyds Banking Group (United Kingdom) underwrote bond issuances for an estimated amount of US\$ 519 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Lloyds Banking Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
BAE Systems	619	155	30-5-2012	8-6-2022
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Fluor	500	18	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	5	24-11-2014	15-12-2024
Raytheon	300	5	24-11-2014	15-12-2044

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

214. **Lodge Hill Capital (United States)**

Lodge Hill Capital (United States) has made an estimated US\$ 14 million available to the nuclear weapons companies listed in this report since January 2012.

Lodge Hill Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 14 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lodge Hill Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	14	0.95	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

215. Loews Corporation (United States)

Loews Corporation (United States) has made an estimated US\$ 88 million available to the nuclear weapons companies listed in this report since January 2012.

Loews Corporation (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 88 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Loews Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	35	0.66	31-3-2015
Fluor	United States	10	0.98	31-3-2015
Textron	United States	43	1.45	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

216. Longview Asset Management (United States)

Longview Asset Management (United States) has made an estimated US\$ 4,722 million available to the nuclear weapons companies listed in this report since January 2012.

Longview Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 4,722 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Longview Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	4,722	10.33	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

217. Loop Capital (United States)

Loop Capital (United States) has made an estimated US\$ 38 million available to the nuclear weapons companies listed in this report since January 2012.

Loop Capital (United States) underwrote bond issuances for an estimated amount of US\$ 38 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Loop Capital

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
Lockheed Martin	750	4	12-2-2015	1-3-2025
Lockheed Martin	500	3	12-2-2015	1-3-2035
Lockheed Martin	1,000	5	12-2-2015	1-3-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

218. Lord, Abnett & Co (United States)

Lord, Abnett & Co (United States) has made an estimated US\$ 488 million available to the nuclear weapons companies listed in this report since January 2012.

Lord, Abnett & Co (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 391 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lord, Abnett & Co

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	39	0.84	31-3-2015
General Dynamics	United States	274	0.62	31-3-2015
Jacobs Engineering	United States	47	0.84	31-3-2015
Orbital ATK	United States	32	0.69	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Lord, Abnett & Co (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 97 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Lord, Abnett & Co

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	27	4.83	31-5-2015
Huntington Ingalls Industries	United States	35	2.68	31-5-2015
MOOG	United States	5	1.63	31-5-2015
Orbital ATK	United States	30	9.98	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

219. LSV Asset Management (United States)

LSV Asset Management (United States) has made an estimated US\$ 1,044 million available to the nuclear weapons companies listed in this report since January 2012.

LSV Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,044 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by LSV Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	127	0.53	19-1-2015
Engility	United States	14	1.50	30-6-2015
Huntington Ingalls Industries	United States	36	0.67	30-6-2015
Northrop Grumman	United States	547	1.84	30-6-2015
Orbital ATK	United States	26	0.61	30-6-2015
Raytheon	United States	294	1.01	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

220. Lyrical Partners (United States)

Lyrical Partners (United States) has made an estimated US\$ 78 million available to the nuclear weapons

companies listed in this report since January 2012.

Lyrical Partners (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 78 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Lyrical Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	78	1.70	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

221. M&G Investments (United Kingdom)

M&G Investments (United Kingdom) has made an estimated US\$ 70 million available to the nuclear weapons companies listed in this report since January 2012.

M&G Investments (United Kingdom) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 70 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by M&G Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	70	1.34	28-2-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

222. M&T Bank (United States)

M&T Bank (United States) has made an estimated US\$ 628 million available to the nuclear weapons companies listed in this report since January 2012.

M&T Bank (United States) provided loans for an estimated amount of US\$ 628 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by M&T Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Moog	900	180	18-3-2011	18-3-2016
Moog	900	120	28-3-2013	28-3-2018
Moog	1,100	220	22-5-2014	22-5-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

223. Mackie Research Financial (Canada)

Mackie Research Financial (Canada) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Mackie Research Financial (Canada) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Mackie Research Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	250	3	18-2-2015	1-3-2035

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

224. Macquarie Group (Australia)

Macquarie Group (Australia) has made an estimated US\$ 1,897 million available to the nuclear weapons companies listed in this report since January 2012.

Macquarie Group (Australia) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,172 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Macquarie Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Northrop Grumman	United States	595	1.97	31-3-2015
Raytheon	United States	576	1.73	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Macquarie Group (Australia) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 726 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Macquarie Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	47	2.30	31-3-2015
BAE Systems	United Kingdom	81	1.55	31-3-2015
General Dynamics	United States	31	0.90	31-3-2015
Honeywell International	United States	133	2.05	31-3-2015
Lockheed Martin	United States	86	0.94	31-3-2015
Northrop Grumman	United States	90	1.39	31-3-2015
Raytheon	United States	183	3.39	31-3-2015
Safran	France	75	5.25	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

225. Madison Investment (United States)

Madison Investment (United States) has made an estimated US\$ 56 million available to the nuclear weapons companies listed in this report since January 2012.

Madison Investment (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 56 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Madison Investment

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	56	1.11	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

226. Majedie Asset Management (United Kingdom)

Majedie Asset Management (United Kingdom) has made an estimated US\$ 446 million available to the nuclear weapons companies listed in this report since January 2012.

Majedie Asset Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 446 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Majedie Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	185	0.76	19-1-2015
Finmeccanica	Italy	157	2.16	30-6-2015
Serco	United Kingdom	104	5.09	19-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

227. Man Group (United Kingdom)

Man Group (United Kingdom) has made an estimated US\$ 55 million available to the nuclear weapons companies listed in this report since January 2012.

Man Group (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 55 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Man Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	55	1.03	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

228. Manulife Financial (Canada)

Manulife Financial (Canada) has made an estimated US\$ 776 million available to the nuclear weapons companies listed in this report since January 2012.

Manulife Financial (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 776 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Manulife Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	76	3.75	31-5-2015
Airbus Group	The Netherlands	127	2.58	31-3-2015

BAE Systems	United Kingdom	64	1.23	31-3-2015
Boeing	United States	128	1.49	31-3-2015
General Dynamics	United States	26	0.77	31-3-2015
Huntington Ingalls Industries	United States	45	3.40	31-5-2015
Lockheed Martin	United States	119	1.29	31-5-2015
Northrop Grumman	United States	55	0.85	31-3-2015
Raytheon	United States	67	1.25	31-3-2015
Textron	United States	69	2.34	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

229. Marathon Asset Management (United Kingdom)

Marathon Asset Management (United Kingdom) has made an estimated US\$ 180 million available to the nuclear weapons companies listed in this report since January 2012.

Marathon Asset Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 180 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Marathon Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	134	0.57	1-8-2015
Serco	United Kingdom	46	2.05	1-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

230. MassMutual Financial (United States)

MassMutual Financial (United States) has made an estimated US\$ 1,364 million available to the nuclear weapons companies listed in this report since January 2012.

MassMutual Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 881 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by MassMutual Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	748	1.46	30-6-2015
Larsen & Toubro	India	133	0.51	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

MassMutual Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 483 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by MassMutual Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	22	3.95	30-4-2015
BAE Systems	United Kingdom	56	1.06	31-3-2015
General Dynamics	United States	17	0.50	31-3-2015
Honeywell International	United States	43	0.65	31-3-2015

Huntington Ingalls Industries	United States	10	0.78	30-4-2015
Lockheed Martin	United States	124	1.35	31-3-2015
MOOG	United States	2	0.67	31-3-2015
Orbital ATK	United States	10	3.32	31-3-2015
Raytheon	United States	51	0.95	31-3-2015
Safran	France	75	5.25	31-3-2015
Textron	United States	74	2.51	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

231. Mega Financial (Taiwan)

Mega Financial (Taiwan) has made an estimated US\$ 120 million available to the nuclear weapons companies listed in this report since January 2012.

Mega Financial (Taiwan) provided loans for an estimated amount of US\$ 120 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Mega Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

232. MetLife (United States)

MetLife (United States) has made an estimated US\$ 1,144 million available to the nuclear weapons companies listed in this report since January 2012.

MetLife (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,144 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by MetLife

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	20	0.99	30-9-2014
BAE Systems	United Kingdom	147	2.81	31-3-2015
Boeing	United States	118	1.37	31-3-2015
General Dynamics	United States	17	0.50	31-3-2015
Honeywell International	United States	144	2.21	31-3-2015
Huntington Ingalls Industries	United States	8	0.60	31-3-2015
Lockheed Martin	United States	194	2.11	31-3-2015
Northrop Grumman	United States	205	3.16	31-3-2015
Orbital ATK	United States	17	5.66	31-3-2015
Raytheon	United States	113	2.09	31-3-2015
Safran	France	131	9.17	31-3-2015

Textron	United States	31	1.04	31-3-2015
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Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

233. Millennium Management (United States)

Millennium Management (United States) has made an estimated US\$ 73 million available to the nuclear weapons companies listed in this report since January 2012.

Millennium Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 73 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Millennium Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Textron	United States	73	0.60	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

234. Mischler Financial Group (United States)

Mischler Financial Group (United States) has made an estimated US\$ 100 million available to the nuclear weapons companies listed in this report since January 2012.

Mischler Financial Group (United States) underwrote bond issuances for an estimated amount of US\$ 100 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Mischler Financial Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Northrop Grumman	600	9	3-2-2015	15-4-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

235. Mitsubishi UFJ Financial (Japan)

Mitsubishi UFJ Financial (Japan) has made an estimated US\$ 7,588 million available to the nuclear weapons companies listed in this report since January 2012.

Mitsubishi UFJ Financial (Japan) provided loans for an estimated amount of US\$ 6,788 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Mitsubishi UFJ Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	158	13-7-2011	13-7-2016

Aecom	600	120	23-9-2011	30-9-2016
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	750	150	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	105	29-1-2014	29-1-2019
Aecom	1,925	154	11-8-2014	17-10-2019
Aecom	1,188	95	11-8-2014	17-10-2021
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	500	40	11-8-2014	17-10-2019
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,000	100	14-6-2013	14-6-2018
Bechtel	2,000	200	14-6-2013	14-6-2018
Bechtel	2,000	200	19-9-2014	17-10-2019
Bechtel	1,000	100	19-9-2014	17-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019
CH2M Hill	600	120	6-12-2010	7-12-2015
CH2M Hill	900	135	19-4-2012	19-4-2017
CH2M Hill	1,100	220	22-3-2014	30-1-2019
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	153	6-7-2015	6-7-2020
Fluor	1,200	90	14-12-2010	14-12-2015
Fluor	1,800	270	7-11-2012	9-11-2017
Fluor	1,700	255	28-5-2014	28-5-2019
Fluor	1,800	270	28-5-2014	28-5-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Jacobs Engineering	1,160	139	23-3-2012	23-3-2017
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Jacobs Engineering	460	55	5-3-2015	5-3-2020

Jacobs Engineering	1,140	137	5-3-2015	5-3-2020
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Lockheed Martin	1,500	85	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	70	28-3-2013	28-3-2018
Moog	1,100	110	22-5-2014	22-5-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67	8-10-2013	1-11-2018
Orbital ATK	700	47	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Raytheon	1,400	76	13-12-2011	13-12-2016
Safran	2,122	121	18-11-2010	8-12-2015
Safran	1,320	198	21-10-2011	21-10-2016
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Textron	1,000	100	30-9-2013	4-10-2018
Textron	500	50	23-1-2014	23-1-2019
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Mitsubishi UFJ Financial (Japan) underwrote bond issuances for an estimated amount of US\$ 800 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Mitsubishi UFJ Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Airbus Group	640	64	20-10-2014	29-10-2029
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	15	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	12	18-2-2015	1-3-2045
Fluor	500	34	18-11-2014	15-12-2024

General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Northrop Grumman	600	60	3-2-2015	15-4-2045
Orbital ATK	300	50	22-10-2013	1-10-2021
Textron	250	25	23-1-2014	1-3-2021
Textron	350	35	23-1-2014	1-3-2024
Textron	350	19	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

236. Mizuho Financial (Japan)

Mizuho Financial (Japan) has made an estimated US\$ 3,133 million available to the nuclear weapons companies listed in this report since January 2012.

Mizuho Financial (Japan) provided loans for an estimated amount of US\$ 2,730 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Mizuho Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	500	43	2-3-2012	2-3-2013
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019
Engility	393	79	23-4-2014	9-5-2020
Engility	250	50	23-4-2014	9-5-2021

Engility	50	10	23-4-2014	9-5-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Larsen & Toubro	200	100	17-12-2012	17-12-2019
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	120	14-8-2014	14-8-2019
Northrop Grumman	500	13	18-8-2012	3-9-2013
Northrop Grumman	1,775	355	29-8-2013	29-8-2018
Northrop Grumman	1,600	320	19-6-2015	8-7-2020
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Mizuho Financial (Japan) underwrote bond issuances for an estimated amount of US\$ 399 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Mizuho Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	15	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	14	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Fluor	500	5	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Northrop Grumman	600	60	3-2-2015	15-4-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Mizuho Financial (Japan) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 5 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Mizuho Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	3	0.52	31-12-2014
MOOG	United States	2	0.60	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

237. Modern Woodmen of America (United States)

Modern Woodmen of America (United States) has made an estimated US\$ 50 million available to the nuclear weapons companies listed in this report since January 2012.

Modern Woodmen of America (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 50 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Modern Woodmen of America

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	25	2.44	31-3-2015
Safran	France	25	1.75	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

238. Morgan Stanley (United States)

Morgan Stanley (United States) has made an estimated US\$ 8,640 million available to the nuclear weapons companies listed in this report since January 2012.

Morgan Stanley (United States) provided loans for an estimated amount of US\$ 1,861 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Morgan Stanley

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	500	67	2-3-2012	2-3-2013
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Aerojet Rocketdyne	50	10	18-11-2011	18-11-2016
Aerojet Rocketdyne	150	30	18-11-2011	18-11-2016
Aerojet Rocketdyne	50	13	16-8-2012	16-8-2017
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Airbus Group	4,345	76	14-3-2011	14-4-2016

Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	65	23-9-2014	15-10-2015
Boeing	2,473	65	23-9-2014	16-10-2019
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	400	30-6-2015	10-7-2020
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018
Textron	1,000	75	30-9-2013	4-10-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Morgan Stanley (United States) underwrote share issuances for an estimated amount of US\$ 2,552 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Morgan Stanley

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	2,158	1,079	6-12-2012
Airbus Group	2,947	1,473	17-4-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Morgan Stanley (United States) underwrote bond issuances for an estimated amount of US\$ 1,643 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Morgan Stanley

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	400	100	8-3-2012	1-4-2017
Aecom	600	150	8-3-2012	1-4-2022
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Aerojet Rocketdyne	460	115	18-1-2013	15-3-2021
Boeing	350	35	30-4-2013	15-11-2018
Boeing	150	50	30-4-2013	3-11-2014
Boeing	300	25	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035

Boeing	250	19	18-2-2015	1-3-2045
Finmeccanica	339	20	17-1-2014	19-1-2021
Honeywell International	300	30	18-11-2013	1-12-2023
Honeywell International	700	70	18-11-2013	17-11-2015
Lockheed Martin	750	135	12-2-2015	1-3-2025
Lockheed Martin	500	90	12-2-2015	1-3-2035
Lockheed Martin	1,000	180	12-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044
Safran	275	137	7-4-2014	11-4-2024
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	89	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Morgan Stanley (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,583 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Morgan Stanley

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	9	0.63	31-3-2015
Boeing	United States	643	0.63	31-3-2015
Fluor	United States	53	0.63	31-3-2015
Honeywell International	United States	851	1.04	31-3-2015
Huntington Ingalls Industries	United States	51	0.76	31-3-2015
Lockheed Martin	United States	348	0.56	31-3-2015
Northrop Grumman	United States	174	0.57	31-3-2015
Orbital ATK	United States	37	0.80	31-3-2015
Raytheon	United States	417	1.25	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

239. MSD Partners (United States)

MSD Partners (United States) has made an estimated US\$ 63 million available to the nuclear weapons companies listed in this report since January 2012.

MSD Partners (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 63 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by MSD Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	63	2.79	11-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

240. Muzinich & Co (United States)

Muzinich & Co (United States) has made an estimated US\$ 67 million available to the nuclear weapons companies listed in this report since January 2012.

Muzinich & Co (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 67 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Muzinich & Co

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	17	0.86	30-11-2014
Finmeccanica	Italy	50	1.03	30-11-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

241. National Bank of Abu Dhabi (United Arab Emirates)

National Bank of Abu Dhabi (United Arab Emirates) has made an estimated US\$ 520 million available to the nuclear weapons companies listed in this report since January 2012.

National Bank of Abu Dhabi (United Arab Emirates) provided loans for an estimated amount of US\$ 520 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by National Bank of Abu Dhabi

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

242. National Rural Electric Cooperative Association (United States)

National Rural Electric Cooperative Association (United States) has made an estimated US\$ 50 million available to the nuclear weapons companies listed in this report since January 2012.

National Rural Electric Cooperative Association (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 50 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by National Rural Electric Cooperative Association

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	50	0.74	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

243. National Western Life Insurance Company (United States)

National Western Life Insurance Company (United States) has made an estimated US\$ 141 million available to the nuclear weapons companies listed in this report since January 2012.

National Western Life Insurance Company (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 141 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by National Western Life Insurance Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	30	0.61	31-3-2015
BAE Systems	United Kingdom	30	0.56	31-3-2015
Fluor	United States	30	2.93	31-3-2015
Raytheon	United States	30	0.55	31-3-2015
Textron	United States	22	0.75	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

244. Nationwide Mutual Insurance (United States)

Nationwide Mutual Insurance (United States) has made an estimated US\$ 255 million available to the nuclear weapons companies listed in this report since January 2012.

Nationwide Mutual Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 255 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Nationwide Mutual Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	55	0.85	31-3-2015
Huntington Ingalls Industries	United States	12	0.88	31-3-2015
Lockheed Martin	United States	62	0.68	31-3-2015
Northrop Grumman	United States	109	1.68	31-3-2015
Orbital ATK	United States	18	5.85	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

245. Neuberger Berman (United States)

Neuberger Berman (United States) has made an estimated US\$ 829 million available to the nuclear weapons companies listed in this report since January 2012.

Neuberger Berman (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 816 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Neuberger Berman

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	624	0.66	30-6-2015
Textron	United States	192	1.56	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Neuberger Berman (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 13 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most

recent available filing date are included.

Bondholdings managed by Neuberger Berman

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	13	0.64	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

246. New Jersey Department of the Treasury (United States)

New Jersey Department of the Treasury (United States) has made an estimated US\$ 87 million available to the nuclear weapons companies listed in this report since January 2012.

New Jersey Department of the Treasury (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 87 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by New Jersey Department of the Treasury

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	52	1.05	30-6-2015
Orbital ATK	United States	35	0.81	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

247. New Mountain Capital (United States)

New Mountain Capital (United States) has made an estimated US\$ 51 million available to the nuclear weapons companies listed in this report since January 2012.

New Mountain Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 51 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by New Mountain Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	51	1.10	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

248. New York Life Insurance Company (United States)

New York Life Insurance Company (United States) has made an estimated US\$ 2,478 million available to the nuclear weapons companies listed in this report since January 2012.

New York Life Insurance Company (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,140 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by New York Life Insurance Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	602	0.59	31-3-2015
Honeywell International	United States	430	0.53	31-3-2015
Textron	United States	109	0.88	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

New York Life Insurance Company (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,338 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by New York Life Insurance Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	40	1.97	31-3-2015
Aerojet Rocketdyne	United States	59	10.61	31-3-2015
BAE Systems	United Kingdom	118	2.25	31-3-2015
Boeing	United States	143	1.66	31-3-2015
General Dynamics	United States	102	2.99	31-12-2014
Honeywell International	United States	127	1.95	31-3-2015
Huntington Ingalls Industries	United States	20	1.54	31-3-2015
Lockheed Martin	United States	145	1.58	31-3-2015
MOOG	United States	23	7.81	30-4-2015
Northrop Grumman	United States	196	3.01	31-3-2015
Orbital ATK	United States	32	10.56	30-4-2015
Raytheon	United States	182	3.38	31-3-2015
Safran	France	80	5.62	31-3-2015
Textron	United States	71	2.43	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

249. New York State Common Retirement Fund (United States)

New York State Common Retirement Fund (United States) has made an estimated US\$ 22 million available to the nuclear weapons companies listed in this report since January 2012.

New York State Common Retirement Fund (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 22 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by New York State Common Retirement Fund

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Moog	United States	22	0.85	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

250. NewSouth Capital Management (United States)

NewSouth Capital Management (United States) has made an estimated US\$ 88 million available to the nuclear weapons companies listed in this report since January 2012.

NewSouth Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 88 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by NewSouth Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	88	6.76	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

251. Nomura (Japan)

Nomura (Japan) has made an estimated US\$ 5 million available to the nuclear weapons companies listed in this report since January 2012.

Nomura (Japan) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 5 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Nomura

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	5	0.88	31-1-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

252. Northern Trust (United States)

Northern Trust (United States) has made an estimated US\$ 6,722 million available to the nuclear weapons companies listed in this report since January 2012.

Northern Trust (United States) provided loans for an estimated amount of US\$ 1,482 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Northern Trust

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	70	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	35	23-9-2014	15-10-2015
Boeing	2,473	35	23-9-2014	16-10-2019
CH2M Hill	900	72	19-4-2012	19-4-2017
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	35	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	30	28-3-2013	28-3-2018
Northrop Grumman	575	22	31-3-2011	24-1-2017

Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Raytheon	1,400	76	13-12-2011	13-12-2016
Textron	1,000	75	30-9-2013	4-10-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Northern Trust (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 5,240 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Northern Trust

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	39	0.84	31-3-2015
Aerojet Rocketdyne	United States	15	1.04	31-3-2015
Boeing	United States	1,408	1.39	31-3-2015
Engility	United States	7	0.64	31-3-2015
Fluor	United States	104	1.23	31-3-2015
General Dynamics	United States	555	1.28	31-3-2015
Honeywell International	United States	997	1.23	31-3-2015
Huntington Ingalls Industries	United States	63	0.96	31-3-2015
Jacobs Engineering	United States	91	1.54	31-3-2015
Lockheed Martin	United States	790	1.26	31-3-2015
Moog	United States	60	2.36	31-3-2015
Northrop Grumman	United States	452	1.54	31-3-2015
Orbital ATK	United States	56	1.18	31-3-2015
Raytheon	United States	467	1.42	31-3-2015
Textron	United States	138	1.13	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

253. NorthPointe Capital (United States)

NorthPointe Capital (United States) has made an estimated US\$ 8 million available to the nuclear weapons companies listed in this report since January 2012.

NorthPointe Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 8 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by NorthPointe Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	8	0.62	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

254. Northwestern Mutual Life Insurance (United States)

Northwestern Mutual Life Insurance (United States) has made an estimated US\$ 1,097 million available to the nuclear weapons companies listed in this report since January 2012.

Northwestern Mutual Life Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,097 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Northwestern Mutual Life Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	21	1.04	31-3-2015
BAE Systems	United Kingdom	175	3.34	31-3-2015
Boeing	United States	119	1.39	31-3-2015
Finmeccanica	Italy	53	1.09	31-3-2015
General Dynamics	United States	66	1.95	31-3-2015
Honeywell International	United States	82	1.26	31-3-2015
Huntington Ingalls Industries	United States	13	0.95	31-3-2015
Lockheed Martin	United States	225	2.45	31-3-2015
Northrop Grumman	United States	119	1.83	31-3-2015
Raytheon	United States	122	2.27	31-3-2015
Safran	France	80	5.60	31-3-2015
Textron	United States	22	0.76	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

255. Nuveen Investments (United States)

Nuveen Investments (United States) has made an estimated US\$ 577 million available to the nuclear weapons companies listed in this report since January 2012.

Nuveen Investments (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 577 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Nuveen Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	577	0.71	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

256. Oddo Group (France)

Oddo Group (France) has made an estimated US\$ 238 million available to the nuclear weapons companies listed in this report since January 2012.

Oddo Group (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 238 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Oddo Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	238	0.92	31-12-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

257. Ohio Public Employees Retirement System (United States)

Ohio Public Employees Retirement System (United States) has made an estimated US\$ 10 million available to the nuclear weapons companies listed in this report since January 2012.

Ohio Public Employees Retirement System (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 10 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ohio Public Employees Retirement System

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	10	0.71	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

258. Old Mutual (United Kingdom)

Old Mutual (United Kingdom) has made an estimated US\$ 4,365 million available to the nuclear weapons companies listed in this report since January 2012.

Old Mutual (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 4,365 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Old Mutual

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	27	2.09	30-6-2015
Engility	United States	14	1.25	31-3-2015
General Dynamics	United States	1,446	3.16	30-6-2015
Honeywell International	United States	1,322	1.66	30-6-2015
Huntington Ingalls Industries	United States	37	0.54	31-3-2015
Northrop Grumman	United States	277	0.92	31-3-2015
Orbital ATK	United States	22	0.51	30-6-2015
Raytheon	United States	1,221	4.20	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

259. Old Republic International (United States)

Old Republic International (United States) has made an estimated US\$ 39 million available to the nuclear weapons companies listed in this report since January 2012.

Old Republic International (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 39 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Old Republic International

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	18	1.79	31-3-2015
General Dynamics	United States	20	0.60	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

260. Olsson Holdings (India)

Olsson Holdings (India) has made an estimated US\$ 5 million available to the nuclear weapons companies

listed in this report since January 2012.

Olsson Holdings (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 5 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Olsson Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Walchandnagar Industries	India	5	5.25	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

261. Orbis Group (Bermuda)

Orbis Group (Bermuda) has made an estimated US\$ 67 million available to the nuclear weapons companies listed in this report since January 2012.

Orbis Group (Bermuda) owns or manages shares of the nuclear weapon companies for an amount of US\$ 67 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Orbis Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	67	3.02	1-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

262. Orix Corporation (Japan)

Orix Corporation (Japan) has made an estimated US\$ 1,974 million available to the nuclear weapons companies listed in this report since January 2012.

Orix Corporation (Japan) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,952 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Orix Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	36	0.76	31-3-2015
Fluor	United States	99	1.29	30-6-2015
General Dynamics	United States	331	0.73	30-6-2015
Huntington Ingalls Industries	United States	228	4.17	30-6-2015
Lockheed Martin	United States	621	1.06	30-6-2015
Raytheon	United States	638	2.16	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Orix Corporation (Japan) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 21 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Orix Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	15	1.16	31-1-2015

MOOG	United States	6	2.00	31-1-2015
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Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

263. Pacific Century Group (China)

Pacific Century Group (China) has made an estimated US\$ 127 million available to the nuclear weapons companies listed in this report since January 2012.

Pacific Century Group (China) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 127 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Pacific Century Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	34	0.64	31-3-2015
Fluor	United States	28	2.71	31-3-2015
Honeywell International	United States	41	0.63	31-3-2015
Huntington Ingalls Industries	United States	10	0.74	31-3-2015
MOOG	United States	5	1.59	31-5-2015
Orbital ATK	United States	9	3.14	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

264. Pacific Mutual (United States)

Pacific Mutual (United States) has made an estimated US\$ 106 million available to the nuclear weapons companies listed in this report since January 2012.

Pacific Mutual (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 106 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Pacific Mutual

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	36	0.70	31-3-2015
Fluor	United States	13	1.22	31-3-2015
Northrop Grumman	United States	40	0.61	31-3-2015
Safran	France	18	1.22	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

265. Pelican Bay (United States)

Pelican Bay (United States) has made an estimated US\$ 18 million available to the nuclear weapons companies listed in this report since January 2012.

Pelican Bay (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 18 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Pelican Bay

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	18	1.25	31-3-2015

266. People's United Financial (United States)

People's United Financial (United States) has made an estimated US\$ 65 million available to the nuclear weapons companies listed in this report since January 2012.

People's United Financial (United States) provided loans for an estimated amount of US\$ 65 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by People's United Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

267. Pictet (Switzerland)

Pictet (Switzerland) has made an estimated US\$ 43 million available to the nuclear weapons companies listed in this report since January 2012.

Pictet (Switzerland) owns or manages shares of the nuclear weapon companies for an amount of US\$ 43 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Pictet

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	43	0.93	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

268. Platinum Asset Management (Australia)

Platinum Asset Management (Australia) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Platinum Asset Management (Australia) owns or manages shares of the nuclear weapon companies for an amount of US\$ 29 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Platinum Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	29	0.52	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

269. PNC Financial Services (United States)

PNC Financial Services (United States) has made an estimated US\$ 928 million available to the nuclear

weapons companies listed in this report since January 2012.

PNC Financial Services (United States) provided loans for an estimated amount of US\$ 628 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by PNC Financial Services

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
General Dynamics	1,000	35	14-7-2011	14-7-2016
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Moog	900	49	18-3-2011	18-3-2016
Moog	900	70	28-3-2013	28-3-2018
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018
Textron	1,000	75	30-9-2013	4-10-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

PNC Financial Services (United States) underwrote bond issuances for an estimated amount of US\$ 300 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by PNC Financial Services

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	10	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

270. Point72 Asset Management (United States)

Point72 Asset Management (United States) has made an estimated US\$ 47 million available to the nuclear weapons companies listed in this report since January 2012.

Point72 Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 47 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Point72 Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Moog	United States	19	0.75	31-3-2015
Orbital ATK	United States	28	0.62	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

271. PointState Capital (United States)

PointState Capital (United States) has made an estimated US\$ 160 million available to the nuclear weapons companies listed in this report since January 2012.

PointState Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 160 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by PointState Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Northrop Grumman	United States	160	0.53	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

272. Polar Capital Holdings (United Kingdom)

Polar Capital Holdings (United Kingdom) has made an estimated US\$ 46 million available to the nuclear weapons companies listed in this report since January 2012.

Polar Capital Holdings (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 46 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Polar Capital Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	46	0.99	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

273. Poplar Forest Capital (United States)

Poplar Forest Capital (United States) has made an estimated US\$ 59 million available to the nuclear weapons companies listed in this report since January 2012.

Poplar Forest Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 59 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Poplar Forest Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	59	1.27	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

274. Power Financial Corporation (Canada)

Power Financial Corporation (Canada) has made an estimated US\$ 2,964 million available to the nuclear weapons companies listed in this report since January 2012.

Power Financial Corporation (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,942 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Power Financial Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	47	1.01	31-3-2015
Engility	United States	11	1.02	31-3-2015
Fluor	United States	48	0.56	31-3-2015
General Dynamics	United States	887	2.03	31-3-2015
Honeywell International	United States	560	0.69	31-3-2015
Northrop Grumman	United States	949	3.15	31-3-2015
Raytheon	United States	440	1.33	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Power Financial Corporation (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 22 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Power Financial Corporation

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	8	0.57	31-3-2015
MOOG	United States	14	4.83	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

275. Primecap Management (United States)

Primecap Management (United States) has made an estimated US\$ 2,425 million available to the nuclear weapons companies listed in this report since January 2012.

Primecap Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,425 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Primecap Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	139	2.99	31-3-2015
Airbus Group	The Netherlands	1,191	2.33	31-3-2015
Honeywell International	United States	771	0.95	31-3-2015
Jacobs Engineering	United States	324	5.80	31-3-2015

276. Principal Financial Group (United States)

Principal Financial Group (United States) has made an estimated US\$ 81 million available to the nuclear weapons companies listed in this report since January 2012.

Principal Financial Group (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 56 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Principal Financial Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	30	0.61	30-6-2015
Aerojet Rocketdyne	United States	8	0.63	30-6-2015
Moog	United States	17	0.72	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Principal Financial Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 25 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Principal Financial Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	25	1.75	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

277. Prospector Partners (United States)

Prospector Partners (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Prospector Partners (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Prospector Partners

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Raytheon	United States	40	0.73	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

278. Prudential (UK) (United Kingdom)

Prudential (UK) (United Kingdom) has made an estimated US\$ 787 million available to the nuclear weapons companies listed in this report since January 2012.

Prudential (UK) (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 262 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Prudential (UK)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	8	0.56	31-3-2015
BAE Systems	United Kingdom	242	1.04	1-8-2015
Serco	United Kingdom	12	0.54	1-7-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Prudential (UK) (United Kingdom) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 525 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Prudential (UK)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	34	1.68	30-9-2014
BAE Systems	United Kingdom	96	1.84	31-3-2015
Boeing	United States	95	1.11	31-3-2015
Lockheed Martin	United States	100	1.08	31-3-2015
Northrop Grumman	United States	65	1.00	31-3-2015
Orbital ATK	United States	7	2.20	31-3-2015
Raytheon	United States	85	1.58	31-3-2015
Textron	United States	43	1.46	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

279. Prudential Financial (US) (United States)

Prudential Financial (US) (United States) has made an estimated US\$ 3,267 million available to the nuclear weapons companies listed in this report since January 2012.

Prudential Financial (US) (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,699 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Prudential Financial (US)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	1,426	1.52	30-6-2015
Huntington Ingalls Industries	United States	77	1.43	30-6-2015
Moog	United States	16	0.65	30-6-2015
Northrop Grumman	United States	180	0.60	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Prudential Financial (US) (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,567 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Prudential Financial (US)

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	25	1.23	31-5-2015
Airbus Group	The Netherlands	26	0.54	31-3-2015
BAE Systems	United Kingdom	91	1.74	31-3-2015

Boeing	United States	325	3.80	31-12-2014
Fluor	United States	15	1.48	31-12-2014
General Dynamics	United States	31	0.91	31-12-2014
Honeywell International	United States	343	5.27	31-12-2014
Lockheed Martin	United States	237	2.58	31-3-2015
Northrop Grumman	United States	184	2.83	31-12-2014
Orbital ATK	United States	8	2.72	31-5-2015
Raytheon	United States	209	3.88	31-12-2014
Textron	United States	73	2.47	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

280. Pzena Investment Management (United States)

Pzena Investment Management (United States) has made an estimated US\$ 93 million available to the nuclear weapons companies listed in this report since January 2012.

Pzena Investment Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 93 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Pzena Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	93	1.86	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

281. Ranger Capital (United States)

Ranger Capital (United States) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Ranger Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 20 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ranger Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	20	1.83	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

282. Raymond James Financial (United States)

Raymond James Financial (United States) has made an estimated US\$ 44 million available to the nuclear weapons companies listed in this report since January 2012.

Raymond James Financial (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Raymond James Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Raymond James Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 15 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Raymond James Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	15	1.15	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

283. Regions Financial (United States)

Regions Financial (United States) has made an estimated US\$ 268 million available to the nuclear weapons companies listed in this report since January 2012.

Regions Financial (United States) provided loans for an estimated amount of US\$ 263 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Regions Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aerojet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	15	30-5-2014	30-5-2019
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Engility	60	20	25-11-2014	26-8-2019
Moog	1,100	110	22-5-2014	22-5-2019
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Regions Financial (United States) underwrote bond issuances for an estimated amount of US\$ 5 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Regions Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Fluor	500	5	18-11-2014	15-12-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

284. Reliance Group (India)

Reliance Group (India) has made an estimated US\$ 283 million available to the nuclear weapons companies listed in this report since January 2012.

Reliance Group (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 241 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Reliance Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	240	0.92	30-6-2015
Walchandnagar Industries	India	1	1.25	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Reliance Group (India) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 42 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Reliance Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	42	0.53	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

285. Renaissance Technologies (United States)

Renaissance Technologies (United States) has made an estimated US\$ 246 million available to the nuclear weapons companies listed in this report since January 2012.

Renaissance Technologies (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 246 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Renaissance Technologies

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Engility	United States	10	0.89	31-3-2015
Huntington Ingalls Industries	United States	237	3.53	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

286. Riyad Bank (Saudi Arabia)

Riyad Bank (Saudi Arabia) has made an estimated US\$ 626 million available to the nuclear weapons companies listed in this report since January 2012.

Riyad Bank (Saudi Arabia) provided loans for an estimated amount of US\$ 626 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Riyad Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
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Bechtel	2,000	200	19-9-2014	17-10-2019
Bechtel	1,000	100	19-9-2014	17-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	25	23-9-2014	15-10-2015
Boeing	2,473	25	23-9-2014	16-10-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Lockheed Martin	1,500	35	14-8-2014	14-8-2019
Raytheon	1,400	76	13-12-2011	13-12-2016
Thales	1,979	88	17-12-2010	17-12-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

287. Rodin Holdings (India)

Rodin Holdings (India) has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

Rodin Holdings (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 7 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Rodin Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Walchandnagar Industries	India	7	7.88	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

288. Royal Bank of Canada (Canada)

Royal Bank of Canada (Canada) has made an estimated US\$ 1,618 million available to the nuclear weapons companies listed in this report since January 2012.

Royal Bank of Canada (Canada) provided loans for an estimated amount of US\$ 1,315 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Royal Bank of Canada

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	75	23-9-2014	15-10-2015
Boeing	2,473	75	23-9-2014	16-10-2019
Engility	393	79	23-4-2014	9-5-2020
Engility	250	50	23-4-2014	9-5-2021
Engility	50	10	23-4-2014	9-5-2019
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Lockheed Martin	1,500	90	26-8-2011	26-8-2016

Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	30	28-3-2013	28-3-2018
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015
Orbital ATK	200	13	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67	8-10-2013	1-11-2018
Orbital ATK	700	47	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Royal Bank of Canada (Canada) underwrote bond issuances for an estimated amount of US\$ 200 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Royal Bank of Canada

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	13	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Orbital ATK	300	50	22-10-2013	1-10-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Royal Bank of Canada (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 103 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Royal Bank of Canada

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	68	0.82	31-3-2015
Jacobs Engineering	United States	34	0.61	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

289. Royal Bank of Scotland (United Kingdom)

Royal Bank of Scotland (United Kingdom) has made an estimated US\$ 6,973 million available to the nuclear weapons companies listed in this report since January 2012.

Royal Bank of Scotland (United Kingdom) provided loans for an estimated amount of US\$ 5,723 million to

the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Royal Bank of Scotland

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	500	43	2-3-2012	2-3-2013
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,550	258	2-6-2011	2-6-2016
Bechtel	950	158	2-6-2011	2-6-2016
Bechtel	975	146	27-7-2012	27-7-2017
Bechtel	1,000	150	14-6-2013	14-6-2018
Bechtel	2,000	300	14-6-2013	14-6-2018
Bechtel	2,000	300	19-9-2014	17-10-2019
Bechtel	1,000	150	19-9-2014	17-10-2019
Bechtel	1,000	120	19-9-2014	17-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	125	23-9-2014	15-10-2015
Boeing	2,473	125	23-9-2014	16-10-2019
CH2M Hill	900	72	19-4-2012	19-4-2017
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	90	6-7-2015	6-7-2020
General Dynamics	1,000	80	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	489	49	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	65	23-9-2013	6-11-2018
Jacobs Engineering	1,160	139	23-3-2012	23-3-2017
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Jacobs Engineering	460	55	5-3-2015	5-3-2020
Jacobs Engineering	1,140	137	5-3-2015	5-3-2020
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Lockheed Martin	1,500	120	26-8-2011	26-8-2016
Lockheed Martin	1,500	85	14-8-2014	14-8-2019

Northrop Grumman	575	58	31-3-2011	24-1-2017
Northrop Grumman	650	65	31-3-2011	24-1-2016
Northrop Grumman	1,500	150	8-9-2011	8-9-2016
Northrop Grumman	500	50	18-8-2012	3-9-2013
Northrop Grumman	1,775	355	29-8-2013	29-8-2018
Orbital ATK	400	32	9-9-2010	7-10-2015
Orbital ATK	600	48	9-9-2010	7-10-2015
Safran	2,122	255	18-11-2010	8-12-2015
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Royal Bank of Scotland (United Kingdom) underwrote bond issuances for an estimated amount of US\$ 1,250 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Royal Bank of Scotland

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
BAE Systems	619	155	30-5-2012	8-6-2022
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	15	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	14	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
General Dynamics	900	90	1-11-2012	15-11-2017
General Dynamics	1,000	100	1-11-2012	15-11-2022
General Dynamics	500	50	1-11-2012	15-11-2042
Honeywell International	300	30	18-11-2013	1-12-2023
Honeywell International	700	70	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	24	3-2-2015	15-4-2045
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044
Serco	20	10	13-5-2013	14-5-2020
Serco	70	35	13-5-2013	14-5-2022

Serco	150	75	13-5-2013	14-5-2024
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Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

290. Royal Capital Management (United States)

Royal Capital Management (United States) has made an estimated US\$ 9 million available to the nuclear weapons companies listed in this report since January 2012.

Royal Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 9 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Royal Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	9	0.60	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

291. Roystone Capital Management (United States)

Roystone Capital Management (United States) has made an estimated US\$ 155 million available to the nuclear weapons companies listed in this report since January 2012.

Roystone Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 155 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Roystone Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	155	3.40	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

292. Ruane, Cunniff & Goldfarb (United States)

Ruane, Cunniff & Goldfarb (United States) has made an estimated US\$ 225 million available to the nuclear weapons companies listed in this report since January 2012.

Ruane, Cunniff & Goldfarb (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 225 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Ruane, Cunniff & Goldfarb

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	180	3.22	31-3-2015
Serco	United Kingdom	45	2.02	11-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

293. S&T Bancorp (United States)

S&T Bancorp (United States) has made an estimated US\$ 23 million available to the nuclear weapons companies listed in this report since January 2012.

S&T Bancorp (United States) owns or manages shares of the nuclear weapon companies for an amount of

US\$ 23 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by S&T Bancorp

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	23	0.50	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

294. Sanders Capital (United States)

Sanders Capital (United States) has made an estimated US\$ 246 million available to the nuclear weapons companies listed in this report since January 2012.

Sanders Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 246 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Sanders Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
General Dynamics	United States	246	0.54	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

295. Santander (Spain)

Santander (Spain) has made an estimated US\$ 1,675 million available to the nuclear weapons companies listed in this report since January 2012.

Santander (Spain) provided loans for an estimated amount of US\$ 1,441 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Santander

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	50	23-9-2014	15-10-2015
Boeing	2,473	50	23-9-2014	16-10-2019
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	99	6-7-2015	6-7-2020
Fluor	1,200	90	14-12-2010	14-12-2015
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Safran	2,122	121	18-11-2010	8-12-2015
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Santander (Spain) underwrote bond issuances for an estimated amount of US\$ 234 million to the nuclear

weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Santander

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	96	20-10-2014	29-10-2029
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Fluor	500	10	18-11-2014	15-12-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

296. SAR Holding (United States)

SAR Holding (United States) has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

SAR Holding (United States) underwrote bond issuances for an estimated amount of US\$ 6 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by SAR Holding

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2045

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

297. Sasco Capital (United States)

Sasco Capital (United States) has made an estimated US\$ 251 million available to the nuclear weapons companies listed in this report since January 2012.

Sasco Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 251 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Sasco Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Raytheon	United States	251	0.76	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

298. Schafer Cullen Capital Management (United States)

Schafer Cullen Capital Management (United States) has made an estimated US\$ 319 million available to the

nuclear weapons companies listed in this report since January 2012.

Schafer Cullen Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 319 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Schafer Cullen Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Raytheon	United States	319	0.96	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

299. Schroders (United Kingdom)

Schroders (United Kingdom) has made an estimated US\$ 677 million available to the nuclear weapons companies listed in this report since January 2012.

Schroders (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 677 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Schroders

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	386	1.72	1-6-2015
Huntington Ingalls Industries	United States	83	1.54	30-6-2015
Northrop Grumman	United States	209	0.70	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

300. Scotiabank (Canada)

Scotiabank (Canada) has made an estimated US\$ 2,826 million available to the nuclear weapons companies listed in this report since January 2012.

Scotiabank (Canada) provided loans for an estimated amount of US\$ 2,357 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Scotiabank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	154	11-8-2014	17-10-2019
Aecom	1,188	95	11-8-2014	17-10-2021
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	500	40	11-8-2014	17-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
Fluor	1,200	90	14-12-2010	14-12-2015
General Dynamics	1,000	35	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018

Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	480	30-6-2015	10-7-2020
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Jacobs Engineering	1,160	139	23-3-2012	23-3-2017
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Northrop Grumman	1,600	320	19-6-2015	8-7-2020
Raytheon	1,400	76	13-12-2011	13-12-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Scotiabank (Canada) underwrote bond issuances for an estimated amount of US\$ 469 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Scotiabank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Fluor	500	18	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	5	24-11-2014	15-12-2024
Raytheon	300	5	24-11-2014	15-12-2044

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

301. Securian (United States)

Securian (United States) has made an estimated US\$ 137 million available to the nuclear weapons companies listed in this report since January 2012.

Securian (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 137 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Securian

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	30	0.58	31-3-2015
Boeing	United States	54	0.63	31-3-2015
Honeywell International	United States	36	0.56	31-3-2015
Textron	United States	17	0.57	31-12-2014

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

302. Sentinel Asset Management (United States)

Sentinel Asset Management (United States) has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Sentinel Asset Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Sentinel Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	20	1.40	31-3-2015
Textron	United States	20	0.68	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

303. Serco Group Plc Employee Benefit Trust (United Kingdom)

Serco Group Plc Employee Benefit Trust (United Kingdom) has made an estimated US\$ 98 million available to the nuclear weapons companies listed in this report since January 2012.

Serco Group Plc Employee Benefit Trust (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 98 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Serco Group Plc Employee Benefit Trust

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	98	1.08	31-12-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

304. Siebert Brandford Shank Financial (United States)

Siebert Brandford Shank Financial (United States) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Siebert Brandford Shank Financial (United States) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Siebert Brandford Shank Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	250	3	18-2-2015	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

305. Siebert Capital (United States)

Siebert Capital (United States) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Siebert Capital (United States) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Siebert Capital

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	300	3	28-10-2014	30-10-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

306. Siemens Financial Services (Germany)

Siemens Financial Services (Germany) has made an estimated US\$ 163 million available to the nuclear weapons companies listed in this report since January 2012.

Siemens Financial Services (Germany) provided loans for an estimated amount of US\$ 163 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Siemens Financial Services

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

307. Silchester International Investors (United Kingdom)

Silchester International Investors (United Kingdom) has made an estimated US\$ 743 million available to the nuclear weapons companies listed in this report since January 2012.

Silchester International Investors (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 743 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Silchester International Investors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	743	3.01	18-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

308. Silvercrest Asset Management (United States)

Silvercrest Asset Management (United States) has made an estimated US\$ 42 million available to the nuclear weapons companies listed in this report since January 2012.

Silvercrest Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 42 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Silvercrest Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	42	0.75	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

309. SinoPac Holdings (Taiwan)

SinoPac Holdings (Taiwan) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

SinoPac Holdings (Taiwan) provided loans for an estimated amount of US\$ 20 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by SinoPac Holdings

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

310. Skandinaviska Enskilda Banken (Sweden)

Skandinaviska Enskilda Banken (Sweden) has made an estimated US\$ 404 million available to the nuclear weapons companies listed in this report since January 2012.

Skandinaviska Enskilda Banken (Sweden) provided loans for an estimated amount of US\$ 542 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Skandinaviska Enskilda Banken

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

311. Snow Capital Management (United States)

Snow Capital Management (United States) has made an estimated US\$ 74 million available to the nuclear weapons companies listed in this report since January 2012.

Snow Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 74 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Snow Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Textron	United States	74	0.61	31-3-2015
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Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

312. Société Générale (France)

Société Générale (France) has made an estimated US\$ 5,326 million available to the nuclear weapons companies listed in this report since January 2012.

Société Générale (France) provided loans for an estimated amount of US\$ 2,120 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Société Générale

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,473	60	23-9-2014	15-10-2015
Boeing	2,473	60	23-9-2014	16-10-2019
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	2,212	153	6-7-2015	6-7-2020
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Safran	2,122	255	18-11-2010	8-12-2015
Safran	1,320	198	21-10-2011	21-10-2016
Thales	1,979	108	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Société Générale (France) underwrote share issuances for an estimated amount of US\$ 2,382 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by Société Générale

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	2,987	597	9-4-2013
Airbus Group	2,987	597	9-4-2013
Airbus Group	614	614	15-1-2014
Safran	573	344	27-3-2013
Safran	573	229	27-3-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Société Générale (France) underwrote bond issuances for an estimated amount of US\$ 557 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Société Générale

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
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Airbus Group	558	93	26-6-2015	1-7-2022
Airbus Group	558	93	26-6-2015	1-7-2022
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Thales	648	93	13-3-2013	20-3-2018
Thales	389	56	13-3-2013	19-3-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Société Générale (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 266 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Société Générale

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	266	0.52	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

313. Southern Farm Bureau Life Insurance (United States)

Southern Farm Bureau Life Insurance (United States) has made an estimated US\$ 15 million available to the nuclear weapons companies listed in this report since January 2012.

Southern Farm Bureau Life Insurance (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 15 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Southern Farm Bureau Life Insurance

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Safran	France	15	1.05	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

314. Southpoint Capital Advisors (United States)

Southpoint Capital Advisors (United States) has made an estimated US\$ 84 million available to the nuclear weapons companies listed in this report since January 2012.

Southpoint Capital Advisors (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 84 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Southpoint Capital Advisors

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	84	1.85	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

315. SPA Group (India)

SPA Group (India) has made an estimated US\$ 73 million available to the nuclear weapons companies listed in this report since January 2012.

SPA Group (India) underwrote bond issuances for an estimated amount of US\$ 73 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by SPA Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	18	5	17-5-2013	15-5-2015
Larsen & Toubro	18	5	17-5-2013	15-5-2015
Larsen & Toubro	37	7	29-10-2013	28-10-2016
Larsen & Toubro	33	16	16-9-2014	19-2-2016
Larsen & Toubro	9	5	7-1-2015	7-2-2018
Larsen & Toubro	9	5	7-1-2015	15-6-2018
Larsen & Toubro	9	5	7-1-2015	23-2-2018
Larsen & Toubro	9	5	7-1-2015	6-3-2018
Larsen & Toubro	9	5	7-1-2015	15-6-2018
Larsen & Toubro	3	3	13-2-2015	17-4-2017
Larsen & Toubro	3	3	13-2-2015	4-4-2017
Larsen & Toubro	3	3	13-2-2015	13-2-2017
Larsen & Toubro	3	3	13-2-2015	27-2-2017
Larsen & Toubro	3	3	13-2-2015	21-2-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

316. Space Acquisition (United States)

Space Acquisition (United States) has made an estimated US\$ 57 million available to the nuclear weapons companies listed in this report since January 2012.

Space Acquisition (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 57 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Space Acquisition

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	57	1.30	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

317. Sprucegrove Investment Management (Canada)

Sprucegrove Investment Management (Canada) has made an estimated US\$ 71 million available to the nuclear weapons companies listed in this report since January 2012.

Sprucegrove Investment Management (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 71 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Sprucegrove Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Jacobs Engineering	United States	71	1.27	31-3-2015

318. StanCorp Financial (United States)

StanCorp Financial (United States) has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

StanCorp Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 21 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by StanCorp Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	18	1.80	31-3-2015
Orbital ATK	United States	2	0.70	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

319. Standard Chartered (United Kingdom)

Standard Chartered (United Kingdom) has made an estimated US\$ 649 million available to the nuclear weapons companies listed in this report since January 2012.

Standard Chartered (United Kingdom) provided loans for an estimated amount of US\$ 432 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Standard Chartered

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	39	29-1-2014	29-1-2019
Airbus Group	3,797	66	14-10-2014	14-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Fluor	1,200	90	14-12-2010	14-12-2015
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Standard Chartered (United Kingdom) underwrote bond issuances for an estimated amount of US\$ 217 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Standard Chartered

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035

Boeing	250	3	18-2-2015	1-3-2045
Fluor	500	18	18-11-2014	15-12-2024
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Larsen & Toubro	200	67	9-9-2014	24-9-2019
Larsen & Toubro	33	33	3-11-2014	16-12-2016
Larsen & Toubro	20	20	29-1-2015	30-1-2017
Larsen & Toubro	20	20	29-1-2015	30-6-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

320. State Administration for Foreign Exchange (China)

State Administration for Foreign Exchange (China) has made an estimated US\$ 48 million available to the nuclear weapons companies listed in this report since January 2012.

State Administration for Foreign Exchange (China) owns or manages shares of the nuclear weapon companies for an amount of US\$ 48 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by State Administration for Foreign Exchange

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	48	0.59	4-11-2013

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

321. State Bank of India (India)

State Bank of India (India) has made an estimated US\$ 111 million available to the nuclear weapons companies listed in this report since January 2012.

State Bank of India (India) provided loans for an estimated amount of US\$ 110 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by State Bank of India

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

State Bank of India (India) underwrote bond issuances for an estimated amount of US\$ 2 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by State Bank of India

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	8	2	20-3-2014	27-3-2024

322. State Farm (United States)

State Farm (United States) has made an estimated US\$ 871 million available to the nuclear weapons companies listed in this report since January 2012.

State Farm (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 871 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by State Farm

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	45	0.86	31-3-2015
Boeing	United States	46	0.54	31-3-2015
Fluor	United States	72	6.99	31-3-2015
General Dynamics	United States	93	2.73	31-3-2015
Honeywell International	United States	219	3.37	31-3-2015
Lockheed Martin	United States	144	1.57	31-3-2015
Northrop Grumman	United States	78	1.19	31-3-2015
Raytheon	United States	175	3.24	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

323. State Fund (United States)

State Fund (United States) has made an estimated US\$ 134 million available to the nuclear weapons companies listed in this report since January 2012.

State Fund (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 134 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by State Fund

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	United States	73	1.13	31-3-2015
Raytheon	United States	61	1.13	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

324. State Street (United States)

State Street (United States) has made an estimated US\$ 32,295 million available to the nuclear weapons companies listed in this report since January 2012.

State Street (United States) provided loans for an estimated amount of US\$ 225 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by State Street

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date

Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	38	23-9-2014	15-10-2015
Boeing	2,473	38	23-9-2014	16-10-2019
Lockheed Martin	1,500	50	14-8-2014	14-8-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

State Street (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 31,972 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by State Street

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	118	2.55	31-3-2015
Aerojet Rocketdyne	United States	27	1.89	31-3-2015
BAE Systems	United Kingdom	441	1.89	1-8-2015
Boeing	United States	4,633	4.54	31-3-2015
Engility	United States	12	1.12	31-3-2015
Fluor	United States	435	5.26	31-3-2015
General Dynamics	United States	1,873	4.27	31-3-2015
Honeywell International	United States	7,146	8.75	31-3-2015
Huntington Ingalls Industries	United States	378	5.65	31-3-2015
Jacobs Engineering	United States	235	4.21	31-3-2015
Lockheed Martin	United States	10,970	17.41	31-3-2015
Moog	United States	72	2.82	31-3-2015
Northrop Grumman	United States	3,552	11.78	31-3-2015
Orbital ATK	United States	114	2.50	31-3-2015
Raytheon	United States	1,468	4.44	31-3-2015
Serco	United Kingdom	14	0.60	1-7-2015
Textron	United States	484	3.94	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

State Street (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 98 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by State Street

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	26	1.30	31-5-2015
Huntington Ingalls Industries	United States	23	1.76	31-5-2015
Northrop Grumman	United States	48	0.74	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

325. State Teachers Retirement System of Ohio (United States)

State Teachers Retirement System of Ohio (United States) has made an estimated US\$ 74 million available to the nuclear weapons companies listed in this report since January 2012.

State Teachers Retirement System of Ohio (United States) owns or manages shares of the nuclear weapon

companies for an amount of US\$ 74 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by State Teachers Retirement System of Ohio

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	41	0.81	30-6-2015
Huntington Ingalls Industries	United States	34	0.63	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

326. Steel Partners Holdings (United States)

Steel Partners Holdings (United States) has made an estimated US\$ 97 million available to the nuclear weapons companies listed in this report since January 2012.

Steel Partners Holdings (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 97 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Steel Partners Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	97	6.64	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

327. Steinberg Asset Management (United States)

Steinberg Asset Management (United States) has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Steinberg Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 28 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Steinberg Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	28	0.61	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

328. Stifel Financial (United States)

Stifel Financial (United States) has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Stifel Financial (United States) provided loans for an estimated amount of US\$ 29 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Stifel Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018

Orbital ATK	700	12	8-10-2013	1-11-2018
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Source: Thomson ONE Banker, "Loans", viewed in August 2015.

329. Strategic Income Management (United States)

Strategic Income Management (United States) has made an estimated US\$ 15 million available to the nuclear weapons companies listed in this report since January 2012.

Strategic Income Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 15 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Strategic Income Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	15	5.06	31-5-2015

Source: Thomson Elkon, "Bond ownership: most recent filings", viewed in August 2015.

330. Sumitomo Mitsui Financial (Japan)

Sumitomo Mitsui Financial (Japan) has made an estimated US\$ 3,633 million available to the nuclear weapons companies listed in this report since January 2012.

Sumitomo Mitsui Financial (Japan) provided loans for an estimated amount of US\$ 3,023 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Sumitomo Mitsui Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	600	40	23-9-2011	30-9-2016
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Bechtel	1,000	120	19-9-2014	17-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	90	23-9-2014	15-10-2015
Boeing	2,473	90	23-9-2014	16-10-2019

Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	90	6-7-2015	6-7-2020
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Larsen & Toubro	200	100	17-12-2012	17-12-2019
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Lockheed Martin	1,500	35	14-8-2014	14-8-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	250	14	8-10-2013	1-11-2020
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Orbital ATK	150	7	24-6-2014	24-12-2018
Raytheon	1,400	76	13-12-2011	13-12-2016
Serco	1,159	72	21-2-2012	28-3-2017
Serco	714	45	12-3-2015	12-3-2019
Textron	1,000	75	30-9-2013	4-10-2018
Textron	500	25	23-1-2014	23-1-2019
Thales	1,979	88	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Sumitomo Mitsui Financial (Japan) underwrote bond issuances for an estimated amount of US\$ 610 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Sumitomo Mitsui Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	18	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025

Boeing	250	13	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Fluor	500	18	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	19	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

331. Sumitomo Mitsui Trust (Japan)

Sumitomo Mitsui Trust (Japan) has made an estimated US\$ 41 million available to the nuclear weapons companies listed in this report since January 2012.

Sumitomo Mitsui Trust (Japan) provided loans for an estimated amount of US\$ 41 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Sumitomo Mitsui Trust

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Larsen & Toubro	47	5	27-8-2013	1-6-2018
Larsen & Toubro	59	7	27-8-2013	1-8-2017
Larsen & Toubro	64	7	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018
Larsen & Toubro	100	11	27-8-2013	1-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

332. Sun Life Financial (Canada)

Sun Life Financial (Canada) has made an estimated US\$ 6,823 million available to the nuclear weapons companies listed in this report since January 2012.

Sun Life Financial (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 6,618 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Sun Life Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Fluor	United States	79	0.95	31-3-2015
Honeywell International	United States	4,214	5.16	31-3-2015
Lockheed Martin	United States	1,464	2.32	31-3-2015
Northrop Grumman	United States	753	2.50	31-3-2015
Textron	United States	108	0.88	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Sun Life Financial (Canada) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 205 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Sun Life Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	16	2.82	31-5-2015
BAE Systems	United Kingdom	72	1.38	31-3-2015
Honeywell International	United States	35	0.54	31-3-2015
Huntington Ingalls Industries	United States	17	1.29	31-5-2015
Safran	France	35	2.45	31-3-2015
Textron	United States	30	1.03	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

333. SunTrust (United States)

SunTrust (United States) has made an estimated US\$ 1,610 million available to the nuclear weapons companies listed in this report since January 2012.

SunTrust (United States) provided loans for an estimated amount of US\$ 1,291 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by SunTrust

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	500	20	11-8-2014	17-10-2019
Aerojet Rocketdyne	50	10	18-11-2011	18-11-2016
Aerojet Rocketdyne	150	30	18-11-2011	18-11-2016
Aerojet Rocketdyne	50	13	16-8-2012	16-8-2017
Aerojet Rocketdyne	100	13	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	27	30-5-2014	30-5-2019
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Engility	585	195	12-11-2014	12-11-2015
General Dynamics	1,000	35	14-7-2011	14-7-2016

Huntington Ingalls Industries	489	49	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	65	23-9-2013	6-11-2018
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	1,500	129	8-9-2011	8-9-2016
Orbital ATK	400	32	9-9-2010	7-10-2015
Orbital ATK	600	48	9-9-2010	7-10-2015
Orbital ATK	200	20	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67	8-10-2013	1-11-2018
Orbital ATK	700	47	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

SunTrust (United States) underwrote bond issuances for an estimated amount of US\$ 319 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by SunTrust

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aerojet Rocketdyne	460	115	18-1-2013	15-3-2021
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021
Orbital ATK	300	50	22-10-2013	1-10-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

334. Svenska Handelsbanken (Sweden)

Since the release of this report, Svenska Handelsbanken has notified us that the investment listed here, which was based on information from the Thomson Reuters financial database, is inaccurate. We therefore no longer consider Svenska Handelsbanken to be an investor in nuclear weapon producing companies and removed Svenska Handelsbanken from this report's Hall of Shame.

335. Synovus Financial Corporation (United States)

Synovus Financial Corporation (United States) has made an estimated US\$ 334 million available to the nuclear weapons companies listed in this report since January 2012.

Synovus Financial Corporation (United States) provided loans for an estimated amount of US\$ 334 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Synovus Financial Corporation

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	1,010	17	8-10-2013	1-11-2018
Orbital ATK	700	12	8-10-2013	1-11-2018
Textron	500	25	23-1-2014	23-1-2019
Textron	700	280	24-1-2014	23-1-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

336. T. Rowe Price (United States)

T. Rowe Price (United States) has made an estimated US\$ 9,712 million available to the nuclear weapons companies listed in this report since January 2012.

T. Rowe Price (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 9,622 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by T. Rowe Price

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	10	0.68	31-3-2015
Airbus Group	The Netherlands	283	0.56	30-6-2015
Boeing	United States	5,868	5.75	31-3-2015
Engility	United States	19	1.73	31-3-2015
Honeywell International	United States	1,480	1.81	31-3-2015
Jacobs Engineering	United States	37	0.67	31-3-2015
Moog	United States	69	2.72	31-3-2015
Raytheon	United States	198	0.60	31-3-2015
Textron	United States	1,658	13.53	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

T. Rowe Price (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 90 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by T. Rowe Price

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	50	0.55	31-3-2015
MOOG	United States	9	2.90	31-3-2015
Textron	United States	31	1.05	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

337. Taiwan Business Bank (Taiwan)

Taiwan Business Bank (Taiwan) has made an estimated US\$ 66 million available to the nuclear weapons companies listed in this report since January 2012.

Taiwan Business Bank (Taiwan) provided loans for an estimated amount of US\$ 66 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Taiwan Business Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

338. Taiwan Cooperative Financial (Taiwan)

Taiwan Cooperative Financial (Taiwan) has made an estimated US\$ 66 million available to the nuclear weapons companies listed in this report since January 2012.

Taiwan Cooperative Financial (Taiwan) provided loans for an estimated amount of US\$ 66 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Taiwan Cooperative Financial

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

339. Taiwan Financial Holding (Taiwan)

Taiwan Financial Holding (Taiwan) has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Taiwan Financial Holding (Taiwan) provided loans for an estimated amount of US\$ 20 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Taiwan Financial Holding

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	750	20	7-6-2013	7-6-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

340. Taurus Group (India)

Taurus Group (India) has made an estimated US\$ 9 million available to the nuclear weapons companies listed in this report since January 2012.

Taurus Group (India) underwrote bond issuances for an estimated amount of US\$ 9 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Taurus Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	18	5	21-1-2015	19-1-2018
Larsen & Toubro	18	5	21-1-2015	15-2-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

341. Telsey Advisory Group (United States)

Telsey Advisory Group (United States) has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Telsey Advisory Group (United States) underwrote bond issuances for an estimated amount of US\$ 3 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Telsey Advisory Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	250	3	18-2-2015	1-3-2035

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

342. Thales SA Employees Stock Ownership Plan (France)

Thales SA Employees Stock Ownership Plan (France) has made an estimated US\$ 226 million available to the nuclear weapons companies listed in this report since January 2012.

Thales SA Employees Stock Ownership Plan (France) owns or manages shares of the nuclear weapon companies for an amount of US\$ 226 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Thales SA Employees Stock Ownership Plan

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Thales	France	226	1.98	31-12-2014

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

343. The Dai-ichi Life Insurance Company (Japan)

The Dai-ichi Life Insurance Company (Japan) has made an estimated US\$ 195 million available to the nuclear weapons companies listed in this report since January 2012.

The Dai-ichi Life Insurance Company (Japan) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 195 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by The Dai-Ichi Life Insurance Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	60	0.65	31-3-2015
Northrop Grumman	United States	42	0.64	31-3-2015
Raytheon	United States	54	1.00	31-3-2015
Textron	United States	40	1.35	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

344. The London Company of Virginia (United States)

The London Company of Virginia (United States) has made an estimated US\$ 245 million available to the nuclear weapons companies listed in this report since January 2012.

The London Company of Virginia (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 245 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by The London Company of Virginia

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	245	5.39	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

345. Thornburg Investment Management (United States)

Thornburg Investment Management (United States) has made an estimated US\$ 25 million available to the nuclear weapons companies listed in this report since January 2012.

Thornburg Investment Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 25 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Thornburg Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	25	1.23	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

346. Thrivent Financial (United States)

Thrivent Financial (United States) has made an estimated US\$ 221 million available to the nuclear weapons companies listed in this report since January 2012.

Thrivent Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 40 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Thrivent Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Huntington Ingalls Industries	United States	40	0.60	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Thrivent Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount

of US\$ 180 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Thrivent Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	29	0.54	31-3-2015
Lockheed Martin	United States	71	0.77	31-3-2015
MOOG	United States	6	2.00	31-5-2015
Northrop Grumman	United States	53	0.81	31-3-2015
Textron	United States	22	0.75	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

347. TIAA-CREF (United States)

TIAA-CREF (United States) has made an estimated US\$ 5,046 million available to the nuclear weapons companies listed in this report since January 2012.

TIAA-CREF (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 3,554 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by TIAA-CREF

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	7	0.51	30-6-2015
Boeing	United States	830	0.86	30-6-2015
Fluor	United States	40	0.53	30-6-2015
General Dynamics	United States	389	0.85	30-6-2015
Honeywell International	United States	1,119	1.40	30-6-2015
Huntington Ingalls Industries	United States	95	1.71	30-6-2015
Lockheed Martin	United States	299	0.52	30-6-2015
Moog	United States	18	0.75	30-6-2015
Northrop Grumman	United States	279	0.94	30-6-2015
Orbital ATK	United States	87	1.95	31-3-2015
Raytheon	United States	174	0.55	30-6-2015
Textron	United States	217	1.76	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

TIAA-CREF (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,492 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by TIAA-CREF

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	79	3.90	31-3-2015
Airbus Group	The Netherlands	67	1.35	31-3-2015
BAE Systems	United Kingdom	106	2.02	31-3-2015
Boeing	United States	178	2.07	31-3-2015
Finmeccanica	Italy	79	1.63	31-3-2015
Fluor	United States	102	9.98	31-3-2015
General Dynamics	United States	48	1.41	31-3-2015

Honeywell International	United States	122	1.87	31-3-2015
Huntington Ingalls Industries	United States	46	3.50	31-3-2015
Lockheed Martin	United States	228	2.48	31-3-2015
Northrop Grumman	United States	221	3.40	31-3-2015
Raytheon	United States	79	1.47	31-3-2015
Safran	France	75	5.25	31-3-2015
Textron	United States	62	2.12	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

348. Toronto-Dominion Bank (Canada)

Toronto-Dominion Bank (Canada) has made an estimated US\$ 3,597 million available to the nuclear weapons companies listed in this report since January 2012.

Toronto-Dominion Bank (Canada) provided loans for an estimated amount of US\$ 1,605 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Toronto-Dominion Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
General Dynamics	1,000	35	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	3,000	129	30-3-2012	2-4-2017
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	71	13-7-2015	13-7-2020
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Jacobs Engineering	460	55	5-3-2015	5-3-2020
Jacobs Engineering	1,140	137	5-3-2015	5-3-2020
Lockheed Martin	1,500	35	14-8-2014	14-8-2019
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Toronto-Dominion Bank (Canada) underwrote bond issuances for an estimated amount of US\$ 170 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Toronto-Dominion Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	34	17-11-2014	15-12-2021

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Toronto-Dominion Bank (Canada) owns or manages shares of the nuclear weapon companies for an amount of US\$ 1,822 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Toronto-Dominion Bank

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	231	0.96	19-1-2015
Boeing	United States	1,044	1.03	31-3-2015
Jacobs Engineering	United States	50	0.89	31-3-2015
Lockheed Martin	United States	351	0.55	31-3-2015
Safran	France	146	0.50	31-5-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

349. Travelers (United States)

Travelers (United States) has made an estimated US\$ 408 million available to the nuclear weapons companies listed in this report since January 2012.

Travelers (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 408 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Travelers

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	84	0.98	31-3-2015
Fluor	United States	8	0.79	31-3-2015
General Dynamics	United States	58	1.72	31-3-2015
Honeywell International	United States	59	0.90	31-3-2015
Lockheed Martin	United States	59	0.64	31-3-2015
MOOG	United States	6	1.83	31-3-2015
Northrop Grumman	United States	50	0.77	31-3-2015
Orbital ATK	United States	6	2.00	31-3-2015
Raytheon	United States	58	1.07	31-3-2015
Textron	United States	20	0.69	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

350. Trimaran Capital Partners (United States)

Trimaran Capital Partners (United States) has made an estimated US\$ 13 million available to the nuclear weapons companies listed in this report since January 2012.

Trimaran Capital Partners (United States) provided loans for an estimated amount of US\$ 13 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Trimaran Capital Partners

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	200	13	3-9-2012	3-9-2017

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

351. Trust Investment Advisors (United States)

Trust Investment Advisors (United States) has made an estimated US\$ 213 million available to the nuclear weapons companies listed in this report since January 2012.

Trust Investment Advisors (United States) underwrote bond issuances for an estimated amount of US\$ 213 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Trust Investment Advisors

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	25.74	12.87	27-4-2012	25-4-2014
Larsen & Toubro	12.67	4.22	27-7-2012	25-7-2014
Larsen & Toubro	50.52	10.10	14-12-2012	20-12-2022
Larsen & Toubro	4.56	4.56	18-12-2012	18-12-2015
Larsen & Toubro	4.53	4.53	7-1-2013	7-7-2014
Larsen & Toubro	4.59	4.59	26-3-2013	26-3-2015
Larsen & Toubro	41.18	41.18	26-6-2013	26-9-2013
Larsen & Toubro	24.71	24.71	26-6-2013	26-9-2013
Larsen & Toubro	4.15	4.15	27-6-2013	27-9-2013
Larsen & Toubro	17.21	8.61	11-10-2013	11-10-2016
Larsen & Toubro	8.15	1.63	20-3-2014	27-3-2024
Larsen & Toubro	1.69	0.84	3-6-2014	3-12-2015
Larsen & Toubro	2.53	1.26	3-6-2014	3-6-2016
Larsen & Toubro	12.36	12.36	21-8-2014	21-8-2016
Larsen & Toubro	20.60	20.60	21-8-2014	2-8-2016
Larsen & Toubro	1.16	0.39	27-8-2014	16-8-2016
Larsen & Toubro	2.44	0.81	27-8-2014	19-9-2016
Larsen & Toubro	2.48	0.83	27-8-2014	26-8-2016
Larsen & Toubro	8.27	2.76	27-8-2014	10-2-2016
Larsen & Toubro	82.72	27.57	27-8-2014	28-12-2015
Larsen & Toubro	16.19	16.19	29-1-2015	29-1-2025
Larsen & Toubro	0.39	0.13	12-6-2015	21-2-2017
Larsen & Toubro	0.34	0.11	12-6-2015	1-8-2017
Larsen & Toubro	0.02	0.01	12-6-2015	24-7-2017
Larsen & Toubro	0.04	0.01	12-6-2015	31-5-2017

Larsen & Toubro	0.04	0.01	12-6-2015	19-6-2017
Larsen & Toubro	0.05	0.02	12-6-2015	12-6-2017
Larsen & Toubro	7.88	7.88	21-7-2015	21-7-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

352. Two Sigma Investments (United States)

Two Sigma Investments (United States) has made an estimated US\$ 219 million available to the nuclear weapons companies listed in this report since January 2012.

Two Sigma Investments (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 219 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Two Sigma Investments

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	14	0.97	31-3-2015
Fluor	United States	107	1.29	31-3-2015
Huntington Ingalls Industries	United States	63	0.93	31-3-2015
Jacobs Engineering	United States	35	0.63	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

353. UBI Banca (Italy)

UBI Banca (Italy) has made an estimated US\$ 240 million available to the nuclear weapons companies listed in this report since January 2012.

UBI Banca (Italy) provided loans for an estimated amount of US\$ 240 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by UBI Banca

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Finmeccanica	3,181	85	28-7-2010	21-9-2015
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	55	6-7-2015	6-7-2020

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

354. UBS (Switzerland)

UBS (Switzerland) has made an estimated US\$ 5,122 million available to the nuclear weapons companies listed in this report since January 2012.

UBS (Switzerland) provided loans for an estimated amount of US\$ 561 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by UBS

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	0	23-9-2014	15-10-2015
Boeing	2,473	0	23-9-2014	16-10-2019
Lockheed Martin	1,500	90	26-8-2011	26-8-2016
Textron	500	25	23-1-2014	23-1-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

UBS (Switzerland) underwrote share issuances for an estimated amount of US\$ 1,531 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of share issuances by UBS

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date
Airbus Group	922	922	26-4-2013
Safran	1,218	305	15-11-2013
Safran	1,218	305	15-11-2013

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

UBS (Switzerland) underwrote bond issuances for an estimated amount of US\$ 114 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by UBS

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Raytheon	1,100	88	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

UBS (Switzerland) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,825 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by UBS

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Airbus Group	The Netherlands	851	1.66	3-6-2015
BAE Systems	United Kingdom	402	1.74	1-8-2015
Boeing	United States	1,173	1.15	31-3-2015
Fluor	United States	69	0.83	31-3-2015
Northrop Grumman	United States	157	0.51	31-3-2015

Raytheon	United States	174	0.52	31-3-2015
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Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

UBS (Switzerland) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 91 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by UBS

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	27	1.33	28-2-2015
Finmeccanica	Italy	52	1.07	28-2-2015
Huntington Ingalls Industries	United States	12	0.89	28-2-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

355. UMB Financial Corporation (United States)

UMB Financial Corporation (United States) has made an estimated US\$ 27 million available to the nuclear weapons companies listed in this report since January 2012.

UMB Financial Corporation (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 27 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by UMB Financial Corporation

Company	Country	Total value (US\$ mln)	%	Filing date
Huntington Ingalls Industries	United States	27	0.51	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

356. UniCredit (Italy)

UniCredit (Italy) has made an estimated US\$ 1,645 million available to the nuclear weapons companies listed in this report since January 2012.

UniCredit (Italy) provided loans for an estimated amount of US\$ 1,300 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by UniCredit

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Airbus Group	4,345	163	14-3-2011	14-4-2016
Airbus Group	3,797	134	14-10-2014	14-10-2019
Finmeccanica	3,181	191	28-7-2010	21-9-2015
Finmeccanica	3,001	150	9-7-2014	9-7-2019
Finmeccanica	3,001	100	9-7-2014	9-7-2019
Finmeccanica	2,212	170	6-7-2015	6-7-2020
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Lockheed Martin	1,500	35	14-8-2014	14-8-2019

Northrop Grumman	500	13	18-8-2012	3-9-2013
Thales	1,979	88	17-12-2010	17-12-2015
Thales	1,835	122	19-12-2014	19-12-2019

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

UniCredit (Italy) underwrote bond issuances for an estimated amount of US\$ 331 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by UniCredit

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Airbus Group	640	96	20-10-2014	29-10-2029
Finmeccanica	777	71	28-11-2012	5-12-2017
Finmeccanica	950	59	26-11-2013	19-1-2021
Finmeccanica	339	20	17-1-2014	19-1-2021
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

UniCredit (Italy) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 14 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by UniCredit

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	10	0.52	31-10-2014
MOOG	United States	2	0.53	31-5-2015
Orbital ATK	United States	2	0.52	30-4-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

357. Unit Trust of India (India)

Unit Trust of India (India) has made an estimated US\$ 2,096 million available to the nuclear weapons companies listed in this report since January 2012.

Unit Trust of India (India) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,096 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Unit Trust of India

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Larsen & Toubro	India	2,096	8.16	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

358. United Fire Group (United States)

United Fire Group (United States) has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

United Fire Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 7 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most

recent available filing date are included.

Bondholdings managed by United Fire Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	7	0.64	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

359. United Overseas Bank (Singapore)

United Overseas Bank (Singapore) has made an estimated US\$ 35 million available to the nuclear weapons companies listed in this report since January 2012.

United Overseas Bank (Singapore) provided loans for an estimated amount of US\$ 35 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by United Overseas Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Orbital ATK	400	14	9-9-2010	7-10-2015
Orbital ATK	600	21	9-9-2010	7-10-2015

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

360. Unum Group (United States)

Unum Group (United States) has made an estimated US\$ 583 million available to the nuclear weapons companies listed in this report since January 2012.

Unum Group (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 583 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Unum Group

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	94	1.81	31-3-2015
Boeing	United States	90	1.05	31-3-2015
Huntington Ingalls Industries	United States	25	1.87	31-3-2015
Lockheed Martin	United States	79	0.86	31-3-2015
Northrop Grumman	United States	126	1.95	31-3-2015
Orbital ATK	United States	12	3.99	31-3-2015
Raytheon	United States	89	1.65	31-3-2015
Safran	France	40	2.80	31-3-2015
Textron	United States	27	0.92	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

361. US Bancorp (United States)

US Bancorp (United States) has made an estimated US\$ 4,449 million available to the nuclear weapons companies listed in this report since January 2012.

US Bancorp (United States) provided loans for an estimated amount of US\$ 3,960 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by US Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Aecom	500	43	2-3-2012	2-3-2013
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	39	16-12-2013	19-12-2018
Aecom	961	58	16-12-2013	19-12-2018
Aecom	39	2	16-12-2013	19-12-2018
Aecom	1,050	39	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019
Aerojet Rocketdyne	50	10	18-11-2011	18-11-2016
Aerojet Rocketdyne	150	30	18-11-2011	18-11-2016
Aerojet Rocketdyne	50	13	16-8-2012	16-8-2017
Aerojet Rocketdyne	100	13	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	27	30-5-2014	30-5-2019
Babcock & Wilcox	700	32	22-5-2012	8-6-2017
Babcock & Wilcox	500	33	11-5-2015	11-5-2020
Babcock & Wilcox	400	27	11-5-2015	11-5-2020
Babcock & Wilcox	600	36	11-5-2015	11-5-2020
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,300	460	29-9-2012	14-10-2013
Boeing	2,300	460	29-9-2012	15-10-2017
Boeing	2,473	60	23-9-2014	15-10-2015
Boeing	2,473	60	23-9-2014	16-10-2019
CH2M Hill	900	72	19-4-2012	19-4-2017
Fluor	1,800	180	7-11-2012	9-11-2017
Fluor	1,700	227	28-5-2014	28-5-2019
Fluor	1,800	240	28-5-2014	28-5-2019
General Dynamics	1,000	35	14-7-2011	14-7-2016
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Huntington Ingalls Industries	489	27	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	35	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Jacobs Engineering	1,160	139	23-3-2012	23-3-2017
Jacobs Engineering	1,140	62	7-2-2014	7-2-2019
Jacobs Engineering	460	39	7-2-2014	7-2-2019
Jacobs Engineering	460	55	5-3-2015	5-3-2020
Jacobs Engineering	1,140	137	5-3-2015	5-3-2020
Lockheed Martin	1,500	90	26-8-2011	26-8-2016

Lockheed Martin	1,500	85	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	30	28-3-2013	28-3-2018
Northrop Grumman	575	22	31-3-2011	24-1-2017
Northrop Grumman	650	24	31-3-2011	24-1-2016
Northrop Grumman	500	13	18-8-2012	3-9-2013
Orbital ATK	400	32	9-9-2010	7-10-2015
Orbital ATK	600	48	9-9-2010	7-10-2015
Orbital ATK	200	20	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67	8-10-2013	1-11-2018
Orbital ATK	700	47	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Raytheon	1,400	76	13-12-2011	13-12-2016
Textron	1,000	75	30-9-2013	4-10-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

US Bancorp (United States) underwrote bond issuances for an estimated amount of US\$ 489 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by US Bancorp

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	9	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	13	18-2-2015	1-3-2035
Boeing	250	8	18-2-2015	1-3-2045
Fluor	500	10	18-11-2014	15-12-2024
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Lockheed Martin	750	14	12-2-2015	1-3-2025
Lockheed Martin	500	9	12-2-2015	1-3-2035
Lockheed Martin	1,000	18	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Orbital ATK	300	50	22-10-2013	1-10-2021
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	19	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

362. USAA Investment Management Company (United States)

USAA Investment Management Company (United States) has made an estimated US\$ 77 million available to the nuclear weapons companies listed in this report since January 2012.

USAA Investment Management Company (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 77 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by USAA Investment Management Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	20	1.95	31-3-2015
Orbital ATK	United States	2	0.52	31-5-2015
Safran	France	35	2.45	31-3-2015
Textron	United States	20	0.68	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

363. USS Investment Management (United Kingdom)

USS Investment Management (United Kingdom) has made an estimated US\$ 163 million available to the nuclear weapons companies listed in this report since January 2012.

USS Investment Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 163 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by USS Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	163	0.71	1-8-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

364. Valarc Holdings (United States)

Valarc Holdings (United States) has made an estimated US\$ 30 million available to the nuclear weapons companies listed in this report since January 2012.

Valarc Holdings (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 30 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Valarc Holdings

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Serco	United Kingdom	30	1.34	2-4-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

365. Vanguard (United States)

Vanguard (United States) has made an estimated US\$ 26,383 million available to the nuclear weapons companies listed in this report since January 2012.

Vanguard (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 24,882 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Vanguard

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	298	6.43	31-3-2015
Aerojet Rocketdyne	United States	59	4.02	31-3-2015
Airbus Group	The Netherlands	609	1.19	30-6-2015
BAE Systems	United Kingdom	468	2.02	1-8-2015
Boeing	United States	5,569	5.46	31-3-2015
Engility	United States	21	1.93	31-3-2015
Finmeccanica	Italy	81	1.12	30-6-2015
Fluor	United States	654	7.90	31-3-2015
General Dynamics	United States	2,491	5.69	31-3-2015
Honeywell International	United States	4,210	5.16	31-3-2015
Huntington Ingalls Industries	United States	496	7.40	31-3-2015
Jacobs Engineering	United States	451	8.07	31-3-2015
Larsen & Toubro	India	173	0.66	30-6-2015
Lockheed Martin	United States	3,504	5.56	31-3-2015
Moog	United States	195	7.65	31-3-2015
Northrop Grumman	United States	1,913	6.34	31-3-2015
Orbital ATK	United States	293	6.44	31-3-2015
Raytheon	United States	2,035	6.14	31-3-2015
Safran	France	320	1.13	30-6-2015
Serco	United Kingdom	33	1.47	2-3-2015
Textron	United States	907	7.40	31-3-2015
Thales	France	103	0.82	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Vanguard (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 1,501 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Vanguard

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	328	3.82	31-3-2015
Fluor	United States	52	5.06	31-3-2015
General Dynamics	United States	216	6.35	31-3-2015
Honeywell International	United States	280	4.30	31-3-2015
Huntington Ingalls Industries	United States	7	0.56	31-3-2015
Lockheed Martin	United States	319	3.47	31-3-2015
Northrop Grumman	United States	107	1.65	31-3-2015
Raytheon	United States	143	2.65	31-3-2015
Textron	United States	49	1.66	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

366. Victoria Capital (United States)

Victoria Capital (United States) has made an estimated US\$ 8 million available to the nuclear weapons companies listed in this report since January 2012.

Victoria Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 8 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Victoria Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	8	0.59	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

367. Victory Capital (United States)

Victory Capital (United States) has made an estimated US\$ 53 million available to the nuclear weapons companies listed in this report since January 2012.

Victory Capital (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 53 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Victory Capital

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	35	2.68	30-6-2015
Engility	United States	18	1.95	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

368. Viel & Cie. (France)

Viel & Cie. (France) has made an estimated US\$ 226 million available to the nuclear weapons companies listed in this report since January 2012.

Viel & Cie. (France) underwrote bond issuances for an estimated amount of US\$ 226 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Viel & Cie.

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	3.98	3.98	22-3-2012	30-4-2014
Larsen & Toubro	3.98	3.98	22-3-2012	29-4-2014
Larsen & Toubro	3.98	3.98	22-3-2012	8-4-2014
Larsen & Toubro	3.98	3.98	22-3-2012	3-4-2014
Larsen & Toubro	3.98	3.98	22-3-2012	17-3-2014
Larsen & Toubro	35.91	8.98	14-6-2012	13-6-2014
Larsen & Toubro	35.91	8.98	14-6-2012	13-6-2014
Larsen & Toubro	12.67	4.22	27-7-2012	25-7-2014
Larsen & Toubro	9.52	4.76	8-10-2012	8-10-2014
Larsen & Toubro	9.52	4.76	8-10-2012	5-11-2013
Larsen & Toubro	22.64	22.64	3-12-2012	3-6-2013
Larsen & Toubro	18.22	4.56	17-5-2013	15-5-2015
Larsen & Toubro	18.22	4.56	17-5-2013	15-5-2015
Larsen & Toubro	17.21	8.61	11-10-2013	11-10-2016
Larsen & Toubro	36.67	7.33	29-10-2013	28-10-2016
Larsen & Toubro	8.15	1.63	20-3-2014	27-3-2024
Larsen & Toubro	26.28	13.14	21-3-2014	21-4-2015
Larsen & Toubro	6.23	1.56	27-3-2014	8-4-2015

Larsen & Toubro	6.23	1.56	27-3-2014	7-4-2015
Larsen & Toubro	6.23	1.56	27-3-2014	6-4-2015
Larsen & Toubro	6.23	1.56	27-3-2014	8-4-2015
Larsen & Toubro	30.41	7.60	9-6-2014	9-6-2016
Larsen & Toubro	36.01	4.50	13-6-2014	13-5-2016
Larsen & Toubro	45.23	6.46	13-6-2014	13-6-2016
Larsen & Toubro	1.16	0.39	27-8-2014	16-8-2016
Larsen & Toubro	2.44	0.81	27-8-2014	19-9-2016
Larsen & Toubro	2.48	0.83	27-8-2014	26-8-2016
Larsen & Toubro	8.27	2.76	27-8-2014	10-2-2016
Larsen & Toubro	82.72	27.57	27-8-2014	28-12-2015
Larsen & Toubro	32.76	16.38	16-9-2014	19-2-2016
Larsen & Toubro	8.17	2.72	28-10-2014	27-10-2017
Larsen & Toubro	8.17	2.72	28-10-2014	28-9-2016
Larsen & Toubro	9.48	4.74	7-1-2015	7-2-2018
Larsen & Toubro	9.48	4.74	7-1-2015	15-6-2018
Larsen & Toubro	9.48	4.74	7-1-2015	23-2-2018
Larsen & Toubro	9.48	4.74	7-1-2015	6-3-2018
Larsen & Toubro	9.48	4.74	7-1-2015	15-6-2018
Larsen & Toubro	18.28	4.57	21-1-2015	19-1-2018
Larsen & Toubro	18.28	4.57	21-1-2015	15-2-2017
Larsen & Toubro	0.39	0.13	12-6-2015	21-2-2017
Larsen & Toubro	0.34	0.11	12-6-2015	1-8-2017
Larsen & Toubro	0.02	0.01	12-6-2015	24-7-2017
Larsen & Toubro	0.04	0.01	12-6-2015	31-5-2017
Larsen & Toubro	0.04	0.01	12-6-2015	19-6-2017
Larsen & Toubro	0.05	0.02	12-6-2015	12-6-2017

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

369. Voya Financial (United States)

Voya Financial (United States) has made an estimated US\$ 436 million available to the nuclear weapons companies listed in this report since January 2012.

Voya Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 245 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Voya Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Orbital ATK	United States	83	1.82	31-3-2015
Textron	United States	162	1.32	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Voya Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 191 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Voya Financial

Company	Country	Total value (US\$ mln)	%	Filing date
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Boeing	United States	91	1.07	31-3-2015
Honeywell	United States	73	1.12	31-3-2015
MOOG	United States	2	0.67	31-3-2015
Safran	France	25	1.75	31-3-2015

Source: Thomson Elkon, "Bond ownership: most recent filings", viewed in August 2015.

370. Waddell & Reed Financial (United States)

Waddell & Reed Financial (United States) has made an estimated US\$ 857 million available to the nuclear weapons companies listed in this report since January 2012.

Waddell & Reed Financial (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 857 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Waddell & Reed Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	857	0.84	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

371. Wedge Capital Management (United States)

Wedge Capital Management (United States) has made an estimated US\$ 112 million available to the nuclear weapons companies listed in this report since January 2012.

Wedge Capital Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 112 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Wedge Capital Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	50	1.01	30-6-2015
Fluor	United States	40	0.52	30-6-2015
Moog	United States	22	0.91	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

372. Wellington Management (United States)

Wellington Management (United States) has made an estimated US\$ 9,016 million available to the nuclear weapons companies listed in this report since January 2012.

Wellington Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 8,582 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Wellington Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aecom	United States	417	8.99	31-3-2015
General Dynamics	United States	678	1.55	31-3-2015

Honeywell International	United States	2,664	3.27	31-3-2015
Jacobs Engineering	United States	100	1.79	31-3-2015
Lockheed Martin	United States	1,715	2.72	31-3-2015
Moog	United States	137	5.39	31-3-2015
Northrop Grumman	United States	694	2.30	31-3-2015
Orbital ATK	United States	73	1.61	31-3-2015
Raytheon	United States	1,754	5.29	31-3-2015
Textron	United States	351	2.86	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Wellington Management (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 434 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Wellington Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	56	0.65	31-3-2015
General Dynamics	United States	31	0.92	31-3-2015
Honeywell International	United States	85	1.31	31-3-2015
Huntington Ingalls Industries	United States	49	3.73	31-3-2015
Lockheed Martin	United States	144	1.57	31-3-2015
Raytheon	United States	67	1.25	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

373. Wells Fargo (United States)

Wells Fargo (United States) has made an estimated US\$ 10,145 million available to the nuclear weapons companies listed in this report since January 2012.

Wells Fargo (United States) provided loans for an estimated amount of US\$ 5,642 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Wells Fargo

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	158	13-7-2011	13-7-2016
Aecom	600	40	23-9-2011	30-9-2016
Aecom	700	70	14-10-2011	19-10-2016
Aecom	1,000	100	14-10-2011	19-10-2016
Aecom	500	43	2-3-2012	2-3-2013
Aecom	750	20	7-6-2013	7-6-2018
Aecom	655	66	16-12-2013	19-12-2018
Aecom	961	96	16-12-2013	19-12-2018
Aecom	39	4	16-12-2013	19-12-2018
Aecom	1,050	105	29-1-2014	29-1-2019
Aecom	1,925	77	11-8-2014	17-10-2019
Aecom	1,188	59	11-8-2014	17-10-2021
Aecom	1,050	47	11-8-2014	17-10-2019
Aecom	500	20	11-8-2014	17-10-2019

Aerojet Rocketdyne	50	10	18-11-2011	18-11-2016
Aerojet Rocketdyne	150	30	18-11-2011	18-11-2016
Aerojet Rocketdyne	50	13	16-8-2012	16-8-2017
Aerojet Rocketdyne	100	13	30-5-2014	30-5-2019
Aerojet Rocketdyne	200	27	30-5-2014	30-5-2019
Babcock & Wilcox	700	70	22-5-2012	8-6-2017
Babcock & Wilcox	500	40	11-5-2015	11-5-2020
Babcock & Wilcox	400	32	11-5-2015	11-5-2020
Babcock & Wilcox	600	48	11-5-2015	11-5-2020
BAE Systems	3,161	132	8-12-2010	8-12-2015
BAE Systems	3,269	131	12-12-2013	12-12-2018
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	125	23-9-2014	15-10-2015
Boeing	2,473	125	23-9-2014	16-10-2019
CH2M Hill	600	120	6-12-2010	7-12-2015
CH2M Hill	900	135	19-4-2012	19-4-2017
CH2M Hill	1,100	220	22-3-2014	30-1-2019
General Dynamics	1,000	80	14-7-2011	14-7-2016
General Dynamics	1,000	125	21-6-2013	21-6-2018
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018
Honeywell International	4,000	480	30-6-2015	10-7-2020
Huntington Ingalls Industries	489	49	23-9-2013	6-11-2018
Huntington Ingalls Industries	650	65	23-9-2013	6-11-2018
Huntington Ingalls Industries	1,250	125	13-7-2015	13-7-2020
Jacobs Engineering	1,160	155	23-3-2012	23-3-2017
Jacobs Engineering	1,140	152	7-2-2014	7-2-2019
Jacobs Engineering	460	61	7-2-2014	7-2-2019
Jacobs Engineering	460	61	5-3-2015	5-3-2020
Jacobs Engineering	1,140	152	5-3-2015	5-3-2020
Lockheed Martin	1,500	120	26-8-2011	26-8-2016
Lockheed Martin	1,500	85	14-8-2014	14-8-2019
Moog	900	49	18-3-2011	18-3-2016
Moog	900	70	28-3-2013	28-3-2018
Moog	1,100	110	22-5-2014	22-5-2019
Northrop Grumman	575	58	31-3-2011	24-1-2017
Northrop Grumman	650	65	31-3-2011	24-1-2016
Northrop Grumman	1,500	150	8-9-2011	8-9-2016
Northrop Grumman	500	50	18-8-2012	3-9-2013
Northrop Grumman	1,775	355	29-8-2013	29-8-2018
Northrop Grumman	1,600	320	19-6-2015	8-7-2020
Orbital ATK	400	32	9-9-2010	7-10-2015
Orbital ATK	600	48	9-9-2010	7-10-2015
Orbital ATK	200	20	3-9-2012	3-9-2017
Orbital ATK	250	25	8-10-2013	1-11-2020
Orbital ATK	1,010	67	8-10-2013	1-11-2018
Orbital ATK	700	47	8-10-2013	1-11-2018
Orbital ATK	150	15	24-6-2014	24-12-2018
Textron	1,000	75	30-9-2013	4-10-2018

Textron	500	25	23-1-2014	23-1-2019
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Source: Thomson ONE Banker, "Loans", viewed in August 2015.

Wells Fargo (United States) underwrote bond issuances for an estimated amount of US\$ 1,541 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Wells Fargo

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Aecom	400	100	8-3-2012	1-4-2017
Aecom	600	150	8-3-2012	1-4-2022
Aecom	800	80	17-9-2014	15-10-2022
Aecom	800	80	17-9-2014	15-10-2024
Aerojet Rocketdyne	460	115	18-1-2013	15-3-2021
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	15	28-10-2014	30-10-2021
Boeing	300	9	28-10-2014	30-10-2024
Boeing	250	9	28-10-2014	30-10-2017
Boeing	250	6	18-2-2015	1-3-2025
Boeing	250	8	18-2-2015	1-3-2035
Boeing	250	12	18-2-2015	1-3-2045
Fluor	500	18	18-11-2014	15-12-2024
General Dynamics	900	90	1-11-2012	15-11-2017
General Dynamics	1,000	100	1-11-2012	15-11-2022
General Dynamics	500	50	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Huntington Ingalls Industries	600	60	17-11-2014	15-12-2021
Lockheed Martin	750	60	12-2-2015	1-3-2025
Lockheed Martin	500	40	12-2-2015	1-3-2035
Lockheed Martin	1,000	80	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	57	28-5-2013	1-6-2018
Northrop Grumman	1,050	70	28-5-2013	1-8-2023
Northrop Grumman	950	63	28-5-2013	1-6-2043
Northrop Grumman	600	24	3-2-2015	15-4-2045
Orbital ATK	300	50	22-10-2013	1-10-2021
Raytheon	1,100	60	27-11-2012	15-12-2022
Raytheon	300	8	24-11-2014	15-12-2024
Raytheon	300	8	24-11-2014	15-12-2044
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	10	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

Wells Fargo (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 2,946 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Wells Fargo

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Boeing	United States	914	0.90	31-3-2015
Fluor	United States	68	0.83	31-3-2015
General Dynamics	United States	613	1.40	31-3-2015
Honeywell International	United States	464	0.57	31-3-2015
Huntington Ingalls Industries	United States	233	3.47	31-3-2015
Jacobs Engineering	United States	58	1.04	31-3-2015
Lockheed Martin	United States	390	0.62	31-3-2015
Northrop Grumman	United States	168	0.56	31-3-2015
Orbital ATK	United States	37	0.81	31-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

Wells Fargo (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 16 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Wells Fargo

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
MOOG	United States	12	4.00	31-5-2015
Orbital ATK	United States	4	1.22	31-5-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

374. Western & Southern Financial (United States)

Western & Southern Financial (United States) has made an estimated US\$ 183 million available to the nuclear weapons companies listed in this report since January 2012.

Western & Southern Financial (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 183 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Western & Southern Financial

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Lockheed Martin	United States	98	1.06	31-3-2015
Northrop Grumman	United States	42	0.64	31-3-2015
Raytheon	United States	44	0.81	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

375. Westfield Capital Management Company (United States)

Westfield Capital Management Company (United States) has made an estimated US\$ 108 million available to the nuclear weapons companies listed in this report since January 2012.

Westfield Capital Management Company (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 108 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Westfield Capital Management Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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Textron	United States	108	0.88	31-3-2015
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Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

376. Westpac Banking (Australia)

Westpac Banking (Australia) has made an estimated US\$ 463 million available to the nuclear weapons companies listed in this report since January 2012.

Westpac Banking (Australia) provided loans for an estimated amount of US\$ 463 million to the nuclear weapon companies (see table below). The table shows all loans closed since January 2012 or maturing after August 2015.

Loans provided by Westpac Banking

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	700	35	14-10-2011	19-10-2016
Aecom	1,000	50	14-10-2011	19-10-2016
Airbus Group	4,345	76	14-3-2011	14-4-2016
Airbus Group	3,797	66	14-10-2014	14-10-2019
Boeing	2,300	42	5-11-2011	10-11-2016
Boeing	2,473	30	23-9-2014	15-10-2015
Boeing	2,473	30	23-9-2014	16-10-2019
Honeywell International	2,800	62	17-3-2011	31-3-2016
Honeywell International	4,000	73	18-11-2013	10-12-2018

Source: Thomson ONE Banker, "Loans", viewed in August 2015.

377. William Blair & Company (United States)

William Blair & Company (United States) has made an estimated US\$ 16 million available to the nuclear weapons companies listed in this report since January 2012.

William Blair & Company (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 16 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by William Blair & Company

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Moog	United States	16	0.68	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

378. Williams Capital Group (United States)

Williams Capital Group (United States) has made an estimated US\$ 337 million available to the nuclear weapons companies listed in this report since January 2012.

Williams Capital Group (United States) underwrote bond issuances for an estimated amount of US\$ 337 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Williams Capital Group

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Boeing	350	10	30-4-2013	15-11-2018
Boeing	300	4	28-10-2014	30-10-2021
Boeing	300	4	28-10-2014	30-10-2024
Boeing	250	3	18-2-2015	1-3-2025
Boeing	250	3	18-2-2015	1-3-2035
Boeing	250	3	18-2-2015	1-3-2045
General Dynamics	900	39	1-11-2012	15-11-2017
General Dynamics	1,000	43	1-11-2012	15-11-2022
General Dynamics	500	21	1-11-2012	15-11-2042
Honeywell International	300	10	18-11-2013	1-12-2023
Honeywell International	700	23	18-11-2013	17-11-2015
Lockheed Martin	750	4	12-2-2015	1-3-2025
Lockheed Martin	500	3	12-2-2015	1-3-2035
Lockheed Martin	1,000	5	12-2-2015	1-3-2045
Moog	300	23	18-11-2014	1-12-2022
Northrop Grumman	850	26	28-5-2013	1-6-2018
Northrop Grumman	1,050	32	28-5-2013	1-8-2023
Northrop Grumman	950	29	28-5-2013	1-6-2043
Textron	250	19	23-1-2014	1-3-2021
Textron	350	26	23-1-2014	1-3-2024
Textron	350	10	23-10-2014	1-3-2025

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

379. Winslow Asset Management (United States)

Winslow Asset Management (United States) has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

Winslow Asset Management (United States) owns or manages shares of the nuclear weapon companies for an amount of US\$ 21 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Winslow Asset Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Aerojet Rocketdyne	United States	21	1.62	30-6-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

380. Woodford Investment Management (United Kingdom)

Woodford Investment Management (United Kingdom) has made an estimated US\$ 617 million available to the nuclear weapons companies listed in this report since January 2012.

Woodford Investment Management (United Kingdom) owns or manages shares of the nuclear weapon companies for an amount of US\$ 617 million (see table below). Only holdings of 0.50% or more of the outstanding shares at the most recent available filing date are included.

Shareholdings managed by Woodford Investment Management

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
BAE Systems	United Kingdom	583	2.41	19-1-2015
Serco	United Kingdom	34	1.52	11-3-2015

Source: Thomson ONE Banker, "Share ownership: most recent filings", viewed in August 2015.

381. Woodmen of the World Life Insurance Society (United States)

Woodmen of the World Life Insurance Society (United States) has made an estimated US\$ 79 million available to the nuclear weapons companies listed in this report since January 2012.

Woodmen of the World Life Insurance Society (United States) owns or manages bonds of the nuclear weapon companies for an amount of US\$ 79 million (see table below). Only holdings of 0.50% or more of the outstanding bonds at the most recent available filing date are included.

Bondholdings managed by Woodmen of the World Life Insurance Society

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Fluor	United States	7	0.68	31-3-2015
Honeywell International	United States	52	0.81	31-3-2015
Safran	France	20	1.40	31-3-2015

Source: Thomson Eikon, "Bond ownership: most recent filings", viewed in August 2015.

382. Yes Bank (India)

Yes Bank (India) has made an estimated US\$ 2 million available to the nuclear weapons companies listed in this report since January 2012.

Yes Bank (India) underwrote bond issuances for an estimated amount of US\$ 2 million to the nuclear weapon companies since January 2012 (see table below).

Underwriting of bond issuances by Yes Bank

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Larsen & Toubro	8	2	20-3-2014	27-3-2024

Source: Thomson ONE Banker, "Bond and share issue underwritings", viewed in August 2015.

DON'T BANK ON THE BOMB

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