

United States

221 Financial Institutions
made an estimated USD\$ 345,255 million available
to 26 nuclear weapon producing companies since January 2012.

Introduction

This document contains country specific information from the 2015 Don't Bank on the Bomb report. It includes financial institutions operating in the country that have published policies banning or limiting investment in nuclear weapons producers. Also included is the list of financial institutions that have significant financing relationships with one or more of the nuclear weapons producers identified in the report. There is also a brief summary of the nuclear weapons related work of each of the identified producers. For more detail, see the full report or go to the www.DontBankOnTheBomb.com website.

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The financial institutions identified include banks, pension funds, sovereign wealth funds, insurance companies and asset managers. They have provided various types of financial services to nuclear weapon companies including loans, investment banking and asset management.

All sources of financing provided since 1 January 2012 to the companies listed were analysed from annual reports, financial databases and other sources. The financial institutions which are most significantly involved in the financing of one or more nuclear weapon companies are shown here. See the full report for both a summary and full description of all financial institutions which are found to have the most significant financing relationships with one or more of the selected nuclear weapon companies, by means of participating in bank loans, by underwriting share or bond issues and/or by share- or bond holdings (above a threshold of 0.5% of all outstanding shares or bonds).

For more information on loans, investment banking, and asset management, please refer to the website.

Hall of Fame and Runners-up

To identify financial institutions with a policy on nuclear weapons, we research a variety of sources: NGO reports, screening-agency information, financial institutions' reports and websites, information from campaigners and other public sources. For practical reasons, the scope of this report is limited to those financial institutions that have an investment policy or a summary of that policy in English. The list of institutions in the Hall of Fame is therefore not exhaustive. We welcome additions from those able to provide them.

The financial institutions for which a nuclear weapons policy was actually found, were grouped in two categories. Financial institutions with a clear and comprehensive nuclear weapons exclusion policy are included in the "Hall of Fame", while financial institutions whose nuclear weapons policy is less strict or clear are included in the "Runners-up" category. This is not a comprehensive list, and others may exist in the country. To be included in the Hall of Fame, the nuclear weapons policy of the financial institution must meet the following criteria:

- The financial institution has published its policy and/or a summary of it;
- The policy excludes investments in nuclear weapon companies (withdrawing past investments and avoiding future investments)
- The policy has an 'all-in' comprehensive scope:
 - no exceptions for any types of nuclear weapon companies

- no exceptions for any types of activities by nuclear weapon companies
- no exceptions for any type of financing or investment by the financial institution

Financial institutions whose nuclear weapon policy does not meet all of the above criteria are included in the “Runners-up” category. [For more on the report methodology, see the website.](#)

Hall of Fame institutions

No financial institutions were identified with a clear and comprehensive nuclear weapons exclusion policy.

Runners-up institutions operating in the United States

1. ABN Amro (the Netherlands)

We commend ABN Amro for adopting a public policy on nuclear weapons. We recommend ABN Amro extend its policy to all companies, regardless of their country of origin. In addition, ABN Amro should apply its policy to cover all financial products the bank offers, including passively managed funds. Furthermore, ABN Amro should apply its policy to assets managed by external parties. We look forward to engaging with ABN Amro, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.abnamro.com/	@ABNAMRO	https://www.facebook.com/abnamro

2. AEGON (the Netherlands)

This is the first time an AEGON policy appears in this report. We commend AEGON for adopting a public policy on nuclear weapons. We recommend AEGON apply its policy to nuclear weapon producing companies regardless of their country of origin. It should also apply the policy to all financial products including all asset classes in jurisdictions outside the Netherlands and apply its policy to all assets managed for customers globally. We look forward to engaging with AEGON, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.aegon.com/Home/	@AEGON	https://www.facebook.com/Aegon

3. Barclays (United Kingdom)

This is the first time the Barclays policy appears in this report. We commend Barclays for adopting a public policy on nuclear weapons. We recommend Barclays apply its policy to all activities of nuclear weapon producing companies, and not limit it to project financing. Barclays should exclude investment in all types of nuclear weapons associated companies, including those involved in maintenance and specifically designed delivery systems. In addition, Barclays should expand the scope of its policy to cover all financial products it offers, including on behalf of third parties. We look forward to engaging with Barclays, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.home.barclays/	@Barclays	https://www.facebook.com/Barclays

4. BBVA (Spain)

This is the first time the BBVA policy appears in this report. We commend BBVA for adopting a public policy on nuclear weapons. We recommend BBVA exclude all nuclear weapon producers regardless of their country of origin. Also, it should expand the scope of its policy to cover all financial products it

offers, including all assets managed We look forward to engaging with BBVA, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.bbva.com/	@bbva	https://www.facebook.com/GrupoBBVA

5. BNP Paribas (France)

We commend BNP Paribas for adopting a public policy on nuclear weapons. We recommend BNP Paribas exclude all companies involved in nuclear weapon programs, regardless of their country of origin. In addition, BNP Paribas should apply its exclusion policy to all financial products and services it offer, including asset management activities and third party investments and cover old as well as new financing agreements. We look forward to engaging with BNP Paribas, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.bnpparibas.com/	@BNPPARIBAS_NET	https://www.facebook.com/bnpparibas.net

6. Commerzbank (Germany)

We commend Commerzbank for adopting a public policy on nuclear weapons. We recommend Commerzbank apply its policy to all nuclear weapon producers, including companies whose involvement in controversial weapons constitutes only a small part of their activities. Furthermore, Commerzbank's should apply its exclusion policy to all financial products it offers, including assets managed. We look forward to engaging with Commerzbank, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
https://www.commerzbank.de	@commerzbank	https://www.facebook.com/commerzbank

7. Crédit Agricole (France)

We commend Crédit Agricole for adopting a public policy on nuclear weapons. We recommend Crédit Agricole exclude investments in all companies associated with the production of specifically designed components necessary for nuclear weapons. Furthermore, Crédit Agricole should apply its policy to all of its financial products, including all assets managed. We look forward to engaging with Crédit Agricole, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
http://www.credit-agricole.fr/	@CreditAgricole	https://www.facebook.com/CreditAgricole

8. Credit Suisse (Switzerland)

We commend Credit Suisse for adopting a public policy on nuclear weapons in line with the provisions of the Swiss Materials Act. We recommend Credit Suisse develop policy expanding on the current interpretation of the Swiss Materials Act and exclude the financing of nuclear weapon producing companies as a whole, instead of only the activities related to nuclear weapons. Furthermore, Credit Suisse should apply its policy to all of its financial products, including assets managed. We look forward to engaging with Credit Suisse, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:	Twitter:	Facebook:
https://www.credit-suisse.com/	@CreditSuisse	https://www.facebook.com/creditsuisse

9. Danske Bank (Denmark)

This is the first time the Danske Bank policy appears in this report. We commend Danske Bank for adopting a public policy on nuclear weapons. We recommend Danske Bank expand the scope of its policy to cover all financial products, including assets managed. We look forward to engaging Danske Bank, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website: http://danskebank.dk/en-dk/Personal/Pages/personal.aspx	Twitter: @DanskeBank_DK	Facebook: https://www.facebook.com/DanskeBankDanmark
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10. DNB (Norway)

We commend DNB for adopting a public policy on nuclear weapons. DNB holds shares in a number of the nuclear weapon producing companies in this report. Though the shareholdings are below the threshold applied to the Hall of Shame, any shareholding prevents DNB from entering the Hall of Fame. We recommend DNB divest from the remaining nuclear weapons associated companies in its portfolio, so that it may be listed in the Hall of Fame in a future update of this report.

Website: http://www.deltalloydgroep.com/en/	Twitter: @deltalloyd	Facebook: https://www.facebook.com/deltalloyd
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11. ING (the Netherlands)

We commend ING for adopting a public policy on nuclear weapons. We recommend ING exclude all activities of nuclear weapon producing companies, regardless of the relative proportion of nuclear weapons related activities of the company. ING should apply its exclusion policy comprehensively to all its markets, including in the US and to all its financial products, including funds following an index. We look forward to engaging with ING, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website: http://www.ing.com/	Twitter: @ING_News	Facebook: https://www.facebook.com/ING
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12. Intesa Sanpaolo (Italy)

This is the first time the Intesa Sanpaolo policy appears in this report. We commend Intesa Sanpaolo for adopting a public policy on nuclear weapons. We recommend Intesa Sanpaolo apply its exclusion policy to companies regardless of their country of origin. Intesa Sanpaolo should expand its policy to cover all types of nuclear weapon producing companies including those that produce specifically designed delivery systems. It should apply its policy to all financial products including all asset classes. Intesa Sanpaolo is strengthening the application of its exclusion policy and we look forward to assess progress made in that respect in next year's report. We look forward to engaging with Intesa Sanpaolo, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website: http://www.intesasanpaolo.com/	Twitter: @intesasanpaolo	Facebook: https://www.facebook.com/intesasanpaologroup?ref=ts
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13. Nordea (Sweden)

We commend Nordea for adopting a public policy on nuclear weapons. We recommend Nordea strengthen its policy to cover all nuclear weapon producing companies including those involved in nuclear weapon maintenance and modernisation. Furthermore, the policy should apply to all of Nordea's financial products including commercial banking and investment banking activities, passively

managed funds and external asset managers. We look forward to engaging with Nordea, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
www.nordea.com/

Twitter:
[@Nordea](https://twitter.com/Nordea)

Facebook:
<https://www.facebook.com/Nordea>

14. Rabobank (the Netherlands)

We commend Rabobank for adopting a public policy on nuclear weapons. We recommend Rabobank apply its policy to all financial products, including all passively managed funds . We look forward to engaging with Rabobank, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.rabobank.com/>

Twitter:
[@Rabobank](https://twitter.com/Rabobank)

Facebook:
<http://www.facebook.com/rabobank>

15. Royal Bank of Canada (RBC) (Canada)

We commend RBC for adopting a public policy on nuclear weapons. We recommend RBC apply its policy to all financial products including investment banking and asset management activities. Moreover, RBC should apply the policy to all nuclear weapon producing companies, including those involved in maintenance and modernisation. We look forward to assessing RBC's update of its nuclear weapons policy and engaging with RBC, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
www.rbc.com/

Twitter:
[@RBC](https://twitter.com/RBC)

Facebook:
<https://www.facebook.com/rbc>

16. Royal Bank of Scotland (RBS) (United Kingdom)

This is the first time the Royal Bank of Scotland policy appears in this report. We commend RBS for adopting a public policy on nuclear weapons. We recommend RBS exclude all activities of nuclear weapon producing companies . Moreover, RBS should apply its exclusion policy to all financial products including assets managed and should terminate existing investments in nuclear weapons associated companies currently in its portfolio. We look forward to engaging with RBS, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
www.rbs.com/

Twitter:
[@RBSGroup](https://twitter.com/RBSGroup)

Facebook:
<https://www.facebook.com/royalbankofscotland>

17. SEB (Sweden)

We commend SEB for adopting a public policy on nuclear weapons and for having strengthened its exclusion policy in 2014 to cover all types of nuclear weapon producing companies including those involved in the maintenance of nuclear weapons and specifically designed delivery systems. We recommend SEB apply the policy to existing contracts and to all financial products including discretionary mandates and externally managed funds. We look forward to engaging with SEB, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
<http://sebgroup.com/>

Twitter:
[@SEBGroup](https://twitter.com/SEBGroup)

Facebook:
<https://www.facebook.com/sebsverige>

18. Standard Chartered (United Kingdom)

This is the first time the Standard Chartered policy appears in this report. We commend Standard Chartered for adopting a public policy on nuclear weapons. We recommend Standard Chartered apply

its policy to all of its financial products, including investments for its own account investments on behalf of third parties. Standard Chartered should also apply the policy to all nuclear weapon producing companies, including those only involved in joint ventures. We look forward to engaging with Standard Chartered, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.sc.com/>

Twitter:
[@StanChart](https://twitter.com/StanChart)

Facebook:
<https://www.facebook.com/StandardChartered>

19. Swedbank (Sweden)

We commend Swedbank for adopting a public policy on nuclear weapons. We welcome the decision by Swedbank to divest from investment holdings in nuclear weapon producers and to start excluding nuclear weapon producers from index funds. We recommend Swedbank apply its policy to all financial products including third party investments and external asset managers, and terminate existing loan contracts with nuclear weapon producers. We look forward to engaging with Swedbank, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.swedbank.com/>

Twitter:
[@Swedbank](https://twitter.com/Swedbank)

Facebook:
<https://www.facebook.com/swedbanksverige>

20. UniCredit (Italy)

We commend UniCredit for adopting a public policy on nuclear weapons. We recommend UniCredit all activities of nuclear weapon producing companies. In addition, UniCredit should apply the policy to all financial products, including those managed by its subsidiary Pioneer. We look forward to engaging with UniCredit, so a strong and comprehensively applied policy may be listed in the Hall of Fame in a future update of this report.

Website:
<https://www.unicreditgroup.eu>

Twitter:
[@UniCredit_PR](https://twitter.com/UniCredit_PR)

Facebook:
<https://www.facebook.com/UniCreditItalia>

Hall of Shame institutions based in the United States

This section contains the results of our research into which financial institutions are financially involved with the nuclear weapon producing companies identified in the report. [For the full methodology, see the website](#). Each section provides the following information for each financial institution:

- The types of financial relations which the financial institution has with one or more nuclear weapon companies (loans, investment banking and asset management).

1. ACK Asset Management

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

ACK Asset Management 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.

2. Adage Capital Management

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

Adage Capital Management 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.

3. Aerojet Rocketdyne Pension Fund

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

Aerojet Rocketdyne Pension Fund 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
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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.

4. Affiliated Managers Group

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

Affiliated Managers Group 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.

5. AJO

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

AJO 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.

6. Allstate

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

Allstate 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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.

7. Alyeska Investment Group

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

Alyeska Investment Group 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.

8. Amalgamated Bank of Chicago

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

Amalgamated Bank of Chicago 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.

9. American Century Investments

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

American Century Investments 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.

10. American Equity Investment Life Holding

American Equity Investment Life Holding 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 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.

11. American Family Mutual Insurance

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

American Family Mutual Insurance 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.

12. American Financial Group

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

American Financial Group 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.

13. American International Group (AIG)

American International Group (AIG) 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) 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) 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.

14. American National Insurance

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

American National Insurance 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.

15. American United Mutual Insurance

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

American United Mutual Insurance 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.

16. Ameriprise Financial

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

Ameriprise Financial 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 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.

17. Anchor Bolt Capital

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

Anchor Bolt Capital 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.

18. Apto Partners

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

Apto Partners 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.

19. AQR Capital Management

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

AQR Capital Management 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.

20. Aquiline Capital Partners

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

Aquiline Capital Partners 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.

21. Artisan Partners

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

Artisan Partners 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.

22. Associated Banc-Corp

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

Associated Banc-Corp 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.

23. Auto-Owners Insurance

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

Auto-Owners Insurance 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.

24. BancPlus

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

BancPlus 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.

25. Bank of America

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

Bank of America 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

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

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

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

26. Bank of New York Mellon

Bank of New York Mellon 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 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

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

27. Banner Bank

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

Banner Bank 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.

28. BB&T

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

BB&T 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 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.

29. Beck, Mack & Oliver

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

Beck, Mack & Oliver 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
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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.

30. Bessemer Group

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

Bessemer Group 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.

31. BlackRock

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

BlackRock 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

32. Blaylock Beal Van

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

Blaylock Beal Van 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.

33. Cacti Asset Management

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

Cacti Asset Management 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.

34. California First National Bancorp

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

California First National Bancorp 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.

35. Cantor Fitzgerald

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

Cantor Fitzgerald 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.

36. Capital Group

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

Capital Group 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 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.

37. Capital One Financial

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

Capital One Financial 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.

38. Carlyle Group

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

Carlyle Group 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.

39. Cascade Bancorp

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

Cascade Bancorp 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.

40. Central Pacific Financial Corporation

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

Central Pacific Financial Corporation 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.

41. Century Operating Corporation

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

Century Operating Corporation 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.

42. Charles Schwab Corporation

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

Charles Schwab Corporation 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.

43. Chesapeake Partners Management

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

Chesapeake Partners Management 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.

44. Cigna

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

Cigna 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.

45. Citadel

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

Citadel 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.

46. Citigroup

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

Citigroup 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

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
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 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 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

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

47. Citizens Bank & Trust

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

Citizens Bank & Trust 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.

48. Citizens Financial Group

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

Citizens Financial Group 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.

49. City National Corporation

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

City National Corporation 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

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

50. CNO Financial Group

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

CNO Financial Group 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.

51. Columbia Threadneedle Investments

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

Columbia Threadneedle Investments 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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.

52. Comerica

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

Comerica 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.

53. Corsair Capital Management

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

Corsair Capital Management 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.

54. Country Life Insurance Company

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

Country Life Insurance Company 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.

55. Cuna Mutual Group

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

Cuna Mutual Group 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.

56. D.E. Shaw & Co.

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

D.E. Shaw & Co. 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.

57. Dimensional Fund Advisors

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

Dimensional Fund Advisors 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 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.

58. Divine Capital Markets

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

Divine Capital Markets 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.

59. Drexel Hamilton

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

Drexel Hamilton 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.

60. Earnest Partners

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

Earnest Partners 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.

61. Eastern Bank

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

Eastern Bank 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.

62. Eaton Vance

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

Eaton Vance 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 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.

63. Evercore

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

Evercore 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.

64. Federated Investors

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

Federated Investors 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.

65. Ferguson Wellman Capital Management

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

Ferguson Wellman Capital Management 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.

66. Fidelity Investments

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

Fidelity Investments 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 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
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.

67. Fiduciary Management

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

Fiduciary Management 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.

68. Fifth Third Bancorp

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

Fifth Third Bancorp 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 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.

69. First Eagle Investment Management

First Eagle Investment Management 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 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 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.

70. First Horizon

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

First Horizon 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.

71. First Niagara Financial

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

First Niagara Financial 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.

72. First Pacific Advisors

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

First Pacific Advisors 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.

73. Franklin Resources

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

Franklin Resources 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

74. GE Capital Services

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

GE Capital Services 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 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.

75. General Atlantic

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

General Atlantic 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.

76. General Re

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

General Re 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.

77. Geode Capital Management

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

Geode Capital Management 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.

78. GGCP

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

GGCP 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 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.

79. Glenmede Trust Company

Glenmede Trust Company has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Glenmede Trust Company 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.

80. Goldman Sachs

Goldman Sachs has made an estimated US\$ 7,678 million available to the nuclear weapons companies listed in this report since January 2012.

Goldman Sachs 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

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

Goldman Sachs 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 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

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Issue date	Maturity date
Textron	350	22	23-10-2014	1-3-2025

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

Goldman Sachs 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 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.

81. Gotham Asset Management

Gotham Asset Management has made an estimated US\$ 304 million available to the nuclear weapons companies listed in this report since January 2012.

Gotham Asset Management 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
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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.

82. Goto Capital Markets

Goto Capital Markets has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Goto Capital Markets 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.

83. Grantham, Mayo, Van Otterloo & Co

Grantham, Mayo, Van Otterloo & Co 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 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.

84. Great Pacific Securities

Great Pacific Securities has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Great Pacific Securities 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.

85. Greenhaven Associates

Greenhaven Associates has made an estimated US\$ 457 million available to the nuclear weapons companies listed in this report since January 2012.

Greenhaven Associates 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.

86. Greenlight Capital

Greenlight Capital has made an estimated US\$ 202 million available to the nuclear weapons companies listed in this report since January 2012.

Greenlight Capital 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.

87. Guggenheim Capital

Guggenheim Capital has made an estimated US\$ 319 million available to the nuclear weapons companies listed in this report since January 2012.

Guggenheim Capital 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

88. Guilford

Guilford has made an estimated US\$ 451 million available to the nuclear weapons companies listed in this report since January 2012.

Guilford 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.

89. Hahn Capital Management

Hahn Capital Management has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Hahn Capital Management 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.

90. Hancock Holding

Hancock Holding has made an estimated US\$ 68 million available to the nuclear weapons companies listed in this report since January 2012.

Hancock Holding 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.

91. Hanover Insurance

Hanover Insurance has made an estimated US\$ 2 million available to the nuclear weapons companies listed in this report since January 2012.

Hanover Insurance 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.

92. Hartford Financial Services

Hartford Financial Services has made an estimated US\$ 181 million available to the nuclear weapons companies listed in this report since January 2012.

Hartford Financial Services 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
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.

93. HGK Asset Management

HGK Asset Management has made an estimated US\$ 45 million available to the nuclear weapons companies listed in this report since January 2012.

HGK Asset Management 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.

94. Hotchkis & Wiley Capital Management

Hotchkis & Wiley Capital Management has made an estimated US\$ 26 million available to the nuclear weapons companies listed in this report since January 2012.

Hotchkis & Wiley Capital Management 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.

95. Huntington Bancshares

Huntington Bancshares has made an estimated US\$ 1,615 million available to the nuclear weapons companies listed in this report since January 2012.

Huntington Bancshares 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

96. International Value Advisors

International Value Advisors has made an estimated US\$ 72 million available to the nuclear weapons companies listed in this report since January 2012.

International Value Advisors 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.

97. Invesco

Invesco has made an estimated US\$ 5,413 million available to the nuclear weapons companies listed in this report since January 2012.

Invesco 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 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.

98. IONIC Capital Management

IONIC Capital Management has made an estimated US\$ 41 million available to the nuclear weapons companies listed in this report since January 2012.

IONIC Capital Management 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.

99. Ivory Investment Management

Ivory Investment Management has made an estimated US\$ 89 million available to the nuclear weapons companies listed in this report since January 2012.

Ivory Investment Management 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.

100. Jacobs Levy Equity Management

Jacobs Levy Equity Management has made an estimated US\$ 45 million available to the nuclear weapons companies listed in this report since January 2012.

Jacobs Levy Equity Management 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

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

101. Janus Capital Group

Janus Capital Group has made an estimated US\$ 2,179 million available to the nuclear weapons companies listed in this report since January 2012.

Janus Capital Group 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.

102. JPMorgan Chase

JPMorgan Chase has made an estimated US\$ 20,041 million available to the nuclear weapons companies listed in this report since January 2012.

JPMorgan Chase 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

Company	Total value (US\$ mln)	Est. participation of this bank (US\$ mln)	Closing date	Maturity date
Aecom	1,050	105	11-8-2014	17-10-2019
Aecom	500	40	11-8-2014	17-10-2019
Aerjet Rocketdyne	100	8	30-5-2014	30-5-2019
Aerjet 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

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

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

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

103. Keely Holdings

Keely Holdings has made an estimated US\$ 44 million available to the nuclear weapons companies listed in this report since January 2012.

Keely Holdings 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.

104. Kennedy Capital Management

Kennedy Capital Management has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

Kennedy Capital Management 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.

105. KeyCorp

KeyCorp has made an estimated US\$ 135 million available to the nuclear weapons companies listed in this report since January 2012.

KeyCorp 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.

106. Kingstown Capital Management

Kingstown Capital Management has made an estimated US\$ 74 million available to the nuclear weapons companies listed in this report since January 2012.

Kingstown Capital Management 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.

107. Knights of Columbus

Knights of Columbus has made an estimated US\$ 80 million available to the nuclear weapons companies listed in this report since January 2012.

Knights of Columbus 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.

108. Kohlberg Kravis Roberts & Co

Kohlberg Kravis Roberts & Co has made an estimated US\$ 603 million available to the nuclear weapons companies listed in this report since January 2012.

Kohlberg Kravis Roberts & Co 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 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.

109. Kovitz Investment Group

Kovitz Investment Group has made an estimated US\$ 46 million available to the nuclear weapons companies listed in this report since January 2012.

Kovitz Investment Group 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.

110. Lawson Kroeker Investment Management

Lawson Kroeker Investment Management has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

Lawson Kroeker Investment Management 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.

111. Lazard

Lazard has made an estimated US\$ 545 million available to the nuclear weapons companies listed in this report since January 2012.

Lazard 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.

112. Lebenthal Holdings

Lebenthal Holdings has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Lebenthal Holdings 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.

113. Legg Mason

Legg Mason has made an estimated US\$ 2,182 million available to the nuclear weapons companies listed in this report since January 2012.

Legg Mason 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 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.

114. Leucadia National Corporation

Leucadia National Corporation has made an estimated US\$ 508 million available to the nuclear weapons companies listed in this report since January 2012.

Leucadia National Corporation 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.

115. Liberty Mutual Insurance

Liberty Mutual Insurance has made an estimated US\$ 339 million available to the nuclear weapons companies listed in this report since January 2012.

Liberty Mutual Insurance 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.

116. Lodge Hill Capital

Lodge Hill Capital has made an estimated US\$ 14 million available to the nuclear weapons companies listed in this report since January 2012.

Lodge Hill Capital 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.

117. Loews Corporation

Loews Corporation has made an estimated US\$ 88 million available to the nuclear weapons companies listed in this report since January 2012.

Loews Corporation 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.

118. Longview Asset Management

Longview Asset Management has made an estimated US\$ 4,722 million available to the nuclear weapons companies listed in this report since January 2012.

Longview Asset Management 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.

119. Loop Capital

Loop Capital has made an estimated US\$ 38 million available to the nuclear weapons companies listed in this report since January 2012.

Loop Capital 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.

120. Lord, Abbett & Co

Lord, Abbett & Co has made an estimated US\$ 488 million available to the nuclear weapons companies listed in this report since January 2012.

Lord, Abbett & Co 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, Abbett & 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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, Abbett & Co 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, Abbett & 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.

121. LSV Asset Management

LSV Asset Management has made an estimated US\$ 1,044 million available to the nuclear weapons companies listed in this report since January 2012.

LSV Asset Management 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.

122. Lyrical Partners

Lyrical Partners has made an estimated US\$ 78 million available to the nuclear weapons companies listed in this report since January 2012.

Lyrical Partners 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.

123. M&T Bank

M&T Bank has made an estimated US\$ 628 million available to the nuclear weapons companies listed in this report since January 2012.

M&T Bank 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.

124. Madison Investment

Madison Investment has made an estimated US\$ 56 million available to the nuclear weapons companies listed in this report since January 2012.

Madison Investment 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.

125. MassMutual Financial

MassMutual Financial has made an estimated US\$ 1,364 million available to the nuclear weapons companies listed in this report since January 2012.

MassMutual Financial 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 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.

126. MetLife

MetLife has made an estimated US\$ 1,144 million available to the nuclear weapons companies listed in this report since January 2012.

MetLife 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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

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

127. Millennium Management

Millennium Management has made an estimated US\$ 73 million available to the nuclear weapons companies listed in this report since January 2012.

Millennium Management 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.

128. Mischler Financial Group

Mischler Financial Group has made an estimated US\$ 100 million available to the nuclear weapons companies listed in this report since January 2012.

Mischler Financial Group 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.

129. Modern Woodmen of America

Modern Woodmen of America has made an estimated US\$ 50 million available to the nuclear weapons companies listed in this report since January 2012.

Modern Woodmen of America 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.

130. Morgan Stanley

Morgan Stanley has made an estimated US\$ 8,640 million available to the nuclear weapons companies listed in this report since January 2012.

Morgan Stanley 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

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

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

131. MSD Partners

MSD Partners has made an estimated US\$ 63 million available to the nuclear weapons companies listed in this report since January 2012.

MSD Partners 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.

132. Muzinich & Co

Muzinich & Co has made an estimated US\$ 67 million available to the nuclear weapons companies listed in this report since January 2012.

Muzinich & Co 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.

133. National Rural Electric Cooperative Association

National Rural Electric Cooperative Association 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 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.

134. National Western Life Insurance Company

National Western Life Insurance Company 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 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.

135. Nationwide Mutual Insurance

Nationwide Mutual Insurance has made an estimated US\$ 255 million available to the nuclear weapons companies listed in this report since January 2012.

Nationwide Mutual Insurance 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.

136. Neuberger Berman

Neuberger Berman has made an estimated US\$ 829 million available to the nuclear weapons companies listed in this report since January 2012.

Neuberger Berman 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 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.

137. New Jersey Department of the Treasury

New Jersey Department of the Treasury 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 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.

138. New Mountain Capital

New Mountain Capital has made an estimated US\$ 51 million available to the nuclear weapons companies listed in this report since January 2012.

New Mountain Capital 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.

139. New York Life Insurance Company

New York Life Insurance Company 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 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 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.

140. New York State Common Retirement Fund

New York State Common Retirement Fund 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 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.

141. NewSouth Capital Management

NewSouth Capital Management has made an estimated US\$ 88 million available to the nuclear weapons companies listed in this report since January 2012.

NewSouth Capital Management 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.

142. Northern Trust

Northern Trust has made an estimated US\$ 6,722 million available to the nuclear weapons companies listed in this report since January 2012.

Northern Trust 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

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

143. NorthPointe Capital

NorthPointe Capital has made an estimated US\$ 8 million available to the nuclear weapons companies listed in this report since January 2012.

NorthPointe Capital 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.

144. Northwestern Mutual Life Insurance

Northwestern Mutual Life Insurance 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 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.

145. Nuveen Investments

Nuveen Investments has made an estimated US\$ 577 million available to the nuclear weapons companies listed in this report since January 2012.

Nuveen Investments 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.

146. Ohio Public Employees Retirement System

Ohio Public Employees Retirement System 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 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.

147. Old Republic International

Old Republic International has made an estimated US\$ 39 million available to the nuclear weapons companies listed in this report since January 2012.

Old Republic International 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.

148. Pacific Mutual

Pacific Mutual has made an estimated US\$ 106 million available to the nuclear weapons companies listed in this report since January 2012.

Pacific Mutual 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
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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.

149. Pelican Bay

Pelican Bay has made an estimated US\$ 18 million available to the nuclear weapons companies listed in this report since January 2012.

Pelican Bay 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

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

150. People's United Financial

People's United Financial has made an estimated US\$ 65 million available to the nuclear weapons companies listed in this report since January 2012.

People's United Financial 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.

151. PNC Financial Services

PNC Financial Services has made an estimated US\$ 928 million available to the nuclear weapons companies listed in this report since January 2012.

PNC Financial Services 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 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

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

152. Point72 Asset Management

Point72 Asset Management has made an estimated US\$ 47 million available to the nuclear weapons companies listed in this report since January 2012.

Point72 Asset Management 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.

153. PointState Capital

PointState Capital has made an estimated US\$ 160 million available to the nuclear weapons companies listed in this report since January 2012.

PointState Capital 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.

154. Poplar Forest Capital

Poplar Forest Capital has made an estimated US\$ 59 million available to the nuclear weapons companies listed in this report since January 2012.

Poplar Forest Capital 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

155. Primecap Management

Primecap Management has made an estimated US\$ 2,425 million available to the nuclear weapons companies listed in this report since January 2012.

Primecap Management 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

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

156. Principal Financial Group

Principal Financial Group has made an estimated US\$ 81 million available to the nuclear weapons companies listed in this report since January 2012.

Principal Financial Group 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 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.

157. Prospector Partners

Prospector Partners has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Prospector Partners 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.

158. Prudential Financial

Prudential Financial has made an estimated US\$ 3,267 million available to the nuclear weapons companies listed in this report since January 2012.

Prudential Financial 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 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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.

159. Pzena Investment Management

Pzena Investment Management has made an estimated US\$ 93 million available to the nuclear weapons companies listed in this report since January 2012.

Pzena Investment Management 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.

160. Ranger Capital

Ranger Capital has made an estimated US\$ 20 million available to the nuclear weapons companies listed in this report since January 2012.

Ranger Capital 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.

161. Raymond James Financial

Raymond James Financial has made an estimated US\$ 44 million available to the nuclear weapons companies listed in this report since January 2012.

Raymond James Financial 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 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.

162. Regions Financial

Regions Financial has made an estimated US\$ 268 million available to the nuclear weapons companies listed in this report since January 2012.

Regions Financial 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 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.

163. Renaissance Technologies

Renaissance Technologies has made an estimated US\$ 246 million available to the nuclear weapons companies listed in this report since January 2012.

Renaissance Technologies 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.

164. Royal Capital Management

Royal Capital Management has made an estimated US\$ 9 million available to the nuclear weapons companies listed in this report since January 2012.

Royal Capital Management 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.

165. Roystone Capital Management

Roystone Capital Management has made an estimated US\$ 155 million available to the nuclear weapons companies listed in this report since January 2012.

Roystone Capital Management 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.

166. Ruane, Cunniff & Goldfarb

Ruane, Cunniff & Goldfarb has made an estimated US\$ 225 million available to the nuclear weapons companies listed in this report since January 2012.

Ruane, Cunniff & Goldfarb 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.

167. S&T Bancorp

S&T Bancorp has made an estimated US\$ 23 million available to the nuclear weapons companies listed in this report since January 2012.

S&T Bancorp 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.

168. Sanders Capital

Sanders Capital has made an estimated US\$ 246 million available to the nuclear weapons companies listed in this report since January 2012.

Sanders Capital 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.

169. SAR Holding

SAR Holding has made an estimated US\$ 6 million available to the nuclear weapons companies listed in this report since January 2012.

SAR Holding 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.

170. Sasco Capital

Sasco Capital has made an estimated US\$ 251 million available to the nuclear weapons companies listed in this report since January 2012.

Sasco Capital 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.

171. Schafer Cullen Capital Management

Schafer Cullen Capital Management has made an estimated US\$ 319 million available to the nuclear weapons companies listed in this report since January 2012.

Schafer Cullen Capital Management 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.

172. Securian

Securian has made an estimated US\$ 137 million available to the nuclear weapons companies listed in this report since January 2012.

Securian 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.

173. Sentinel Asset Management

Sentinel Asset Management has made an estimated US\$ 40 million available to the nuclear weapons companies listed in this report since January 2012.

Sentinel Asset Management 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.

174. Siebert Brandford Shank Financial

Siebert Brandford Shank Financial has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Siebert Brandford Shank Financial 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.

175. Siebert Capital

Siebert Capital has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Siebert Capital 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.

176. Silvercrest Asset Management

Silvercrest Asset Management has made an estimated US\$ 42 million available to the nuclear weapons companies listed in this report since January 2012.

Silvercrest Asset Management 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.

177. Snow Capital Management

Snow Capital Management has made an estimated US\$ 74 million available to the nuclear weapons companies listed in this report since January 2012.

Snow Capital Management 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
Textron	United States	74	0.61	31-3-2015

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

178. Southern Farm Bureau Life Insurance

Southern Farm Bureau Life Insurance 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 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.

179. Southpoint Capital Advisors

Southpoint Capital Advisors has made an estimated US\$ 84 million available to the nuclear weapons companies listed in this report since January 2012.

Southpoint Capital Advisors 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.

180. Space Acquisition

Space Acquisition has made an estimated US\$ 57 million available to the nuclear weapons companies listed in this report since January 2012.

Space Acquisition 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.

181. StanCorp Financial

StanCorp Financial has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

StanCorp Financial 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.

182. State Farm

State Farm has made an estimated US\$ 871 million available to the nuclear weapons companies listed in this report since January 2012.

State Farm 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.

183. State Fund

State Fund has made an estimated US\$ 134 million available to the nuclear weapons companies listed in this report since January 2012.

State Fund 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.

184. State Street

State Street has made an estimated US\$ 32,295 million available to the nuclear weapons companies listed in this report since January 2012.

State Street 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

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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Northrop Grumman	United States	48	0.74	31-3-2015

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

185. State Teachers Retirement System of Ohio

State Teachers Retirement System of Ohio 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 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.

186. Steel Partners Holdings

Steel Partners Holdings has made an estimated US\$ 97 million available to the nuclear weapons companies listed in this report since January 2012.

Steel Partners Holdings 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.

187. Steinberg Asset Management

Steinberg Asset Management has made an estimated US\$ 28 million available to the nuclear weapons companies listed in this report since January 2012.

Steinberg Asset Management 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.

188. Stifel Financial

Stifel Financial has made an estimated US\$ 29 million available to the nuclear weapons companies listed in this report since January 2012.

Stifel Financial 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

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

189. Strategic Income Management

Strategic Income Management has made an estimated US\$ 15 million available to the nuclear weapons companies listed in this report since January 2012.

Strategic Income Management 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 Eikon*, "Bond ownership: most recent filings", viewed in August 2015.

190. SunTrust

SunTrust has made an estimated US\$ 1,610 million available to the nuclear weapons companies listed in this report since January 2012.

SunTrust 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

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

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

191. Synovus Financial Corporation

Synovus Financial Corporation has made an estimated US\$ 334 million available to the nuclear weapons companies listed in this report since January 2012.

Synovus Financial Corporation 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.

192. T. Rowe Price

T. Rowe Price has made an estimated US\$ 9,712 million available to the nuclear weapons companies listed in this report since January 2012.

T. Rowe Price 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

193. Telsey Advisory Group

Telsey Advisory Group has made an estimated US\$ 3 million available to the nuclear weapons companies listed in this report since January 2012.

Telsey Advisory Group 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.

194. The London Company of Virginia

The London Company of Virginia 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 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.

195. Thornburg Investment Management

Thornburg Investment Management has made an estimated US\$ 25 million available to the nuclear weapons companies listed in this report since January 2012.

Thornburg Investment Management 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.

196. Thrivent Financial

Thrivent Financial has made an estimated US\$ 221 million available to the nuclear weapons companies listed in this report since January 2012.

Thrivent Financial 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 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.

197. TIAA-CREF

TIAA-CREF has made an estimated US\$ 5,046 million available to the nuclear weapons companies listed in this report since January 2012.

TIAA-CREF 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 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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.

198. Travelers

Travelers has made an estimated US\$ 408 million available to the nuclear weapons companies listed in this report since January 2012.

Travelers 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.

199. Trimaran Capital Partners

Trimaran Capital Partners has made an estimated US\$ 13 million available to the nuclear weapons companies listed in this report since January 2012.

Trimaran Capital Partners 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.

200. Trust Investment Advisors

Trust Investment Advisors has made an estimated US\$ 213 million available to the nuclear weapons companies listed in this report since January 2012.

Trust Investment Advisors 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.

201. Two Sigma Investments

Two Sigma Investments has made an estimated US\$ 219 million available to the nuclear weapons companies listed in this report since January 2012.

Two Sigma Investments 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.

202. UMB Financial Corporation

UMB Financial Corporation has made an estimated US\$ 27 million available to the nuclear weapons companies listed in this report since January 2012.

UMB Financial Corporation 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)	% Outstanding	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.

203. United Fire Group

United Fire Group has made an estimated US\$ 7 million available to the nuclear weapons companies listed in this report since January 2012.

United Fire Group 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.

204. Unum Group

Unum Group has made an estimated US\$ 583 million available to the nuclear weapons companies listed in this report since January 2012.

Unum Group 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.

205. US Bancorp

US Bancorp has made an estimated US\$ 4,449 million available to the nuclear weapons companies listed in this report since January 2012.

US Bancorp 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

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

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

206. USAA Investment Management Company

USAA Investment Management Company has made an estimated US\$ 77 million available to the nuclear weapons companies listed in this report since January 2012.

USAA Investment Management Company 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.

207. Valarc Holdings

Valarc Holdings has made an estimated US\$ 30 million available to the nuclear weapons companies listed in this report since January 2012.

Valarc Holdings 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.

208. Vanguard

Vanguard has made an estimated US\$ 26,383 million available to the nuclear weapons companies listed in this report since January 2012.

Vanguard 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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

209. Victoria Capital

Victoria Capital has made an estimated US\$ 8 million available to the nuclear weapons companies listed in this report since January 2012.

Victoria Capital 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.

210. Victory Capital

Victory Capital has made an estimated US\$ 53 million available to the nuclear weapons companies listed in this report since January 2012.

Victory Capital 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.

211. Voya Financial

Voya Financial has made an estimated US\$ 436 million available to the nuclear weapons companies listed in this report since January 2012.

Voya Financial 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 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)	% Outstanding	Filing date
Boeing	United States	91	1.07	31-3-2015

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
Honeywell International	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 Eikon*, "Bond ownership: most recent filings", viewed in August 2015.

212. Waddell & Reed Financial

Waddell & Reed Financial has made an estimated US\$ 857 million available to the nuclear weapons companies listed in this report since January 2012.

Waddell & Reed Financial 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.

213. Wedge Capital Management

Wedge Capital Management has made an estimated US\$ 112 million available to the nuclear weapons companies listed in this report since January 2012.

Wedge Capital Management 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.

214. Wellington Management

Wellington Management has made an estimated US\$ 9,016 million available to the nuclear weapons companies listed in this report since January 2012.

Wellington Management 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 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.

215. Wells Fargo

Wells Fargo has made an estimated US\$ 10,145 million available to the nuclear weapons companies listed in this report since January 2012.

Wells Fargo 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

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

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

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

Wells Fargo 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

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

Company	Country	Total value (US\$ mln)	% Outstanding	Filing date
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 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.

216. Western & Southern Financial

Western & Southern Financial has made an estimated US\$ 183 million available to the nuclear weapons companies listed in this report since January 2012.

Western & Southern Financial 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.

217. Westfield Capital Management Company

Westfield Capital Management Company has made an estimated US\$ 108 million available to the nuclear weapons companies listed in this report since January 2012.

Westfield Capital Management Company 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
Textron	United States	108	0.88	31-3-2015

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

218. William Blair & Company

William Blair & Company has made an estimated US\$ 16 million available to the nuclear weapons companies listed in this report since January 2012.

William Blair & Company 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.

219. Williams Capital Group

Williams Capital Group has made an estimated US\$ 337 million available to the nuclear weapons companies listed in this report since January 2012.

Williams Capital Group 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

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

220. Winslow Asset Management

Winslow Asset Management has made an estimated US\$ 21 million available to the nuclear weapons companies listed in this report since January 2012.

Winslow Asset Management 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.

221. Woodmen of the World Life Insurance Society

Woodmen of the World Life Insurance Society 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 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.

Nuclear weapon producing Companies

This report identifies 26 companies operating in France, India, Italy, the Netherlands, the United Kingdom and the United States that are significantly involved in maintaining and modernising the nuclear arsenals of France, India, the United Kingdom and the United States. **This is not an exhaustive list.** These companies are providing necessary components and infrastructure to develop, test, maintain and modernise nuclear weapons. The contracts these companies have with nuclear armed countries are for materials and services to keep nuclear weapons in their arsenals. In other nuclear-armed countries –Russia, China, Pakistan and North Korea – the maintenance and modernization of nuclear forces is carried out primarily or exclusively by government agencies.

Aecom

Aecom provides professional technical and management support services and is part of the joint venture that manages the Nevada National Security Site (NNSS), previously known as the Nevada Test Site, a key fixture in the US nuclear weapons infrastructure.

Aerojet Rocketdyne

Aerojet Rocketdyne, formerly known as GenCorp is involved in the design, development and production of land- and sea-based nuclear ballistic missile systems for the United States. It is currently producing propulsion systems for Minuteman III and D5 Trident nuclear missiles.

Airbus Group (The Netherlands)

Airbus is a Dutch company that produces and maintains the M51 submarine-launched nuclear missiles for the French navy. Through joint venture MBDA, Airbus is also providing medium-range air-to-surface missiles to the French air force.

Babcock & Wilcox

Babcock & Wilcox manages and operates several US nuclear weapons facilities including the Lawrence Livermore National Laboratory, Los Alamos National Laboratory, and Nevada National Security Site (NNSS), previously known as the Nevada Test Site, each of which are engaged in various aspects of nuclear warhead modernisation.

BAE Systems (United Kingdom)

BAE Systems is involved in the US and UK Trident II (D5) strategic weapons system programmes. It is also the prime contractor for the US Minuteman III Intercontinental Ballistic Missile (ICBM) system. BAE Systems is also part of the joint venture providing medium-range air-to-surface missiles for France.

Bechtel

Bechtel manages the Los Alamos and Lawrence Livermore national laboratories in the US, which play an important role in the research, design, development and production of nuclear weapons. It also leads the joint venture for management and operation of the Y-12 National Security Complex in Tennessee and the Pantex Plant in Texas.

Boeing

Boeing is involved in the maintenance of the Minuteman III nuclear intercontinental ballistic missiles in the US arsenal. It also provides the US and UK Trident II (D5) with maintenance, repair, and rebuilding and technical services.

CH2M Hill

CH2M Hill is one of the joint venture partners in National Security Technologies (NSTec) that manages the Nevada National Security Site (NNSS), previously known as the Nevada Test Site, a key fixture in the US nuclear weapons infrastructure.

Engility Holdings

In February 2015, Engility acquired US-based TASC. It is involved in the research and development for the Solid Rocket Motor Modernization Study of the Minuteman III system for the US arsenal.

Finmeccanica (Italy)

Finmeccanica is involved in the design, development and delivery of two Transporter Erector Replacement Vehicles to support the US Intercontinental Ballistic Missile (ICBM) Minuteman III-fleet. It is also involved in the joint venture that supplies medium-range air-to-surface missiles for the French arsenal.

Fluor

Fluor is the lead partner responsible for the management and operation of the US Department of Energy's Savannah River Site and Savannah River National Laboratory, the only source of new tritium for the US nuclear arsenal.

General Dynamics

General Dynamics provides a range of engineering, development, and production activities to support to US and UK Trident II Strategic Weapons Systems. It is also involved in the guidance systems of the Trident II (D5) nuclear missiles of the US Navy.

Honeywell International

Honeywell International manages and operates the National Security Campus where an estimated 85% of the non-nuclear components for US nuclear weapons are produced. It is also involved in tritium production at the Savannah River Site and produced components for integrated circuits for the Trident II (D5) nuclear missiles of the US arsenal.

Huntington Ingalls Industries

Huntington Ingalls Industries is involved in management of the US nuclear arsenal, and tritium production at the Savannah River Site, the only source of new tritium for the US nuclear arsenal.

Jacobs Engineering

Jacobs Engineering Group is involved in the joint venture AWE-ML, which manages the UK Atomic

Weapons Establishment, that designs, manufactures and maintains nuclear warheads for the UK.

Larsen & Toubro (India)

Larsen & Toubro is also responsible for developing the launcher system for the nuclear-capable short-range surface-to-air Akash missile system for the Indian nuclear arsenal.

Lockheed Martin

Lockheed Martin is responsible for the construction of the Trident II (D5) nuclear missiles for the US and UK. It is also involved in the production and maintenance of the Minuteman III nuclear intercontinental ballistic missiles for the US. It is part of the joint venture AWE-ML, which manages the UK Atomic Weapons Establishment, that designs, manufactures and maintains nuclear warheads for the UK.

MOOG

Moog develops launch vehicle and strategic missile controls for the Minuteman III and Trident (D5) missiles for the US nuclear arsenal.

Northrop Grumman

Northrop Grumman is involved with production and maintenance of the Minuteman III nuclear Intercontinental Ballistic Missiles (ICBM) for the US nuclear arsenal. It also provides support for the Trident II (D5) system for the US and the UK. It is also part of the joint venture that manages the Nevada National Security Site (NNSS), previously known as the Nevada Test Site, a key fixture in the US nuclear weapons infrastructure.

Orbital ATK

Orbital ATK (formerly known as ATK or Alliant Techsystems) produces rocket propulsion systems for Trident II submarine launched ballistic missiles. Orbital ATK is also responsible for refurbishing all three solid propellant stages of the Minuteman III Intercontinental Ballistic Missile (ICBM) for the US. It is also involved in the joint venture for management

and operation of the Y-12 National Security Complex in Tennessee and the Pantex Plant in Texas.

Raytheon

Raytheon is involved in a project to stretch the lifecycle of the guidance systems of the Trident II (D5) nuclear missiles of the US Navy. It is also involved in studies in support of the new W80-4 Long-Range Standoff missile for the US arsenal.

Safran (France)

Safran is part of a joint venture to build M51 submarine-launched nuclear missiles for the French navy, which each deliver multiple warheads. Its subsidiaries Snecma and Sagem provide the propulsion and navigation systems for these missiles.

Serco (United Kingdom)

Serco owns a one-third share in the joint venture AWE-ML, which runs the UK Atomic Weapons Establishment. It is responsible for manufacturing and maintaining the nuclear warheads for UK arsenal.

Textron

Textron designs and builds re-entry vehicles for the US Minuteman III inter-continental ballistic missile (ICBM).

Thales (France)

Thales is part of a joint venture to build the M51 submarine-launched nuclear missiles for the French navy

Walchandnagar Industries (India)

Walchandnagar Industries Limited supplies infrastructure and facilities for the production of the surface-to-air short-range Akash missile and the launching systems for Agni and Akash missiles for the Indian arsenal. It also manufactures the main thrust motor casing segment for the intercontinental ballistic Agni-V missile.