



*Independent Statistics & Analysis*  
U.S. Energy Information  
Administration

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# 2014 Uranium Marketing Annual Report

May 2015



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## Contacts

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## Preface

The U.S. Energy Information Administration (EIA) reports detailed data spanning 2010 through 2014 and summary data back to 1994 on uranium marketing activities in the United States in this report, *2014 Uranium Marketing Annual Report*.

Data in this report are based on information reported on Form EIA-858, “Uranium Marketing Annual Survey.” Form EIA-858 survey collects data on contracts, deliveries (during the report year and projected for the next ten years), enrichment services purchased, inventories, use in fuel assemblies, feed deliveries to enrichers (during the report year and projected for the next ten years), and unfilled market requirements for the next ten years.

Prior editions of this report may be found on the EIA website at <http://www.eia.gov/nuclear/reports.cfm>.

Definitions for terms used in this report can be found in EIA’s Energy Glossary: <http://www.eia.gov/tools/glossary/>.

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## Uranium purchases and prices

Owners and operators of U.S. civilian nuclear power reactors (“civilian owner/operators” or “COOs”) purchased a total of 53 million pounds  $U_3O_8e$  (equivalent<sup>1</sup>) of deliveries from U.S. suppliers and foreign suppliers during 2014, at a weighted-average price of \$46.16 per pound  $U_3O_8e$ . The 2014 total of 53 million pounds  $U_3O_8e$  decreased 7% compared with the 2013 total of 57 million pounds  $U_3O_8e$ . The 2014 weighted-average price of \$46.16 per pound  $U_3O_8e$  decreased 11% compared with the 2013 weighted-average price of \$51.99 per pound  $U_3O_8e$ .

Six percent of the 53 million pounds  $U_3O_8e$  delivered in 2014 was U.S.-origin uranium at a weighted-average price of \$48.11 per pound. Foreign-origin uranium accounted for the remaining 94% of deliveries at a weighted-average price of \$46.03 per pound. Uranium originating in Kazakhstan, Russia and Uzbekistan accounted for 39% of the 53 million pounds. Australian-origin and Canadian-origin uranium together accounted for 38%. The remaining 17% originated from Brazil, China, Czech Republic, Malawi, Namibia, Niger, South Africa, Ukraine, and United Kingdom.

COOs purchased uranium of three material types for 2014 deliveries from 34 sellers, one more than in 2013. Uranium concentrate was 55% of the 53 million pounds  $U_3O_8e$  delivered in 2014. Natural  $UF_6$  was 33% and enriched  $UF_6$  was 12%. During 2014, 27% of the uranium was purchased under spot contracts at a weighted-average price of \$36.64 per pound. The remaining 73% was purchased under long-term contracts at a weighted-average price of \$49.73 per pound. Spot contracts are contracts with a one-time uranium delivery (usually) for the entire contract and the delivery is to occur within one year of contract execution (signed date). Long-term contracts are contracts with one or more uranium deliveries to occur after a year following the contract execution (signed date) and as such may reflect some agreements of short and medium terms as well as longer term.

## New and future uranium contracts

In 2014, COOs signed 69 new purchase contracts with deliveries in 2014 of 12 million pounds  $U_3O_8e$  at a weighted-average price of \$34.83 per pound.

COOs report minimum and maximum quantities of future deliveries under contract, to allow for the option of either decreasing or increasing quantities. As of the end of 2014, the maximum uranium deliveries for 2015 through 2024 under existing purchase contracts for COOs totaled 197 million pounds  $U_3O_8e$ . Also as of the end of 2014, unfilled uranium market requirements for 2015 through 2024 totaled 283 million pounds  $U_3O_8e$ . These contracted deliveries and unfilled market requirements combined represent the maximum anticipated market requirements of 480 million pounds  $U_3O_8e$  over the ten-year period for COOs.

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<sup>1</sup>Uranium quantities are expressed in the unit of measure  $U_3O_8e$  (equivalent).  $U_3O_8e$  is uranium oxide (or uranium concentrate) and the equivalent uranium-component of uranium hexafluoride ( $UF_6$ ) and enriched uranium.

## Uranium feed, enrichment services, uranium loaded

In 2014, COOs delivered 42 million pounds  $U_3O_8e$  of natural uranium feed to U.S. and foreign enrichers. Forty-seven percent of the feed was delivered to U.S. enrichment suppliers and the remaining 53% was delivered to foreign enrichment suppliers. Thirteen million separative work units (SWU)<sup>2</sup> were purchased under enrichment services contracts from 11 sellers in 2014, one more than in 2013. \\fs-f3\Public\uranium\2014UMAR\swusellers.html The average price paid by the COOs for the 13 million SWU was \$140.75 per SWU in 2014, compared with the 2013 average price of \$142.22 per SWU. In 2014, the U.S.-origin SWU share was 29% and foreign-origin SWU accounted for the remaining 71%. Russian-origin SWU was 24% of the total. Germany, Netherlands, and the United Kingdom had an aggregate share of 41%. Chinese-origin SWU was 5% of the total.

Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors during 2014 contained 50 million pounds  $U_3O_8e$ , compared with 43 million pounds  $U_3O_8e$  loaded during 2013. Six percent of the uranium loaded during 2014 was U.S.-origin uranium, and 94% was foreign-origin uranium.

## Uranium foreign purchases/sales and inventories

U.S. suppliers (brokers, converters, enrichers, fabricators, producers, and traders) and COOs purchase uranium each year from foreign suppliers. Together, foreign purchases totaled 59 million pounds  $U_3O_8e$  in 2014, and the weighted-average price was \$44.11 per pound  $U_3O_8e$ . Also, U.S. suppliers and COOs sold uranium to foreign suppliers. Together, foreign sales totaled 20 million pounds  $U_3O_8e$  in 2014, and the weighted-average price was \$35.69 per pound  $U_3O_8e$ .

Year-end commercial uranium inventories represent ownership of uranium in different stages of the nuclear fuel cycle (in-process for conversion, enrichment, or fabrication) at domestic or foreign nuclear fuel facilities. Total U.S. commercial inventories (including inventories owned by COOs, U.S. brokers, converter, enrichers, fabricators, producers, and traders) was 135 million pounds  $U_3O_8e$  as of the end of 2014. Commercial uranium inventories owned at the end of 2014 by COOs totaled 116 million pounds  $U_3O_8e$ , an increase of 3% from year-end 2013. Uranium inventories owned by U.S. brokers and traders were 6 million pounds  $U_3O_8e$ . U.S. converter, enrichers, fabricators and producers owned 13 million pounds  $U_3O_8e$  of inventories at the end of 2014.

<sup>2</sup> Separative work unit (SWU): The standard measure of enrichment services. The effort expended in separating a mass F of feed of assay  $x_f$  into a mass P of product assay  $x_p$  and waste of mass W and assay  $x_w$  is expressed in terms of the number of separative work units needed, given by the expression  $SWU = WV(x_w) + PV(x_p) - FV(x_f)$ , where  $V(x)$  is the "value function," defined as  $V(x) = (1 - 2x) \ln((1 - x)/x)$ .

**Table S1a. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors, 1994-2014**million pounds U<sub>3</sub>O<sub>8</sub> equivalent

Delivery year	Total purchased	Purchased from U.S. producers	Purchased from U.S. brokers and traders	Purchased from other owners and operators of U.S. civilian nuclear power reactors, other U.S. suppliers, (and U.S. government for 2007) <sup>1</sup>	Purchased from foreign suppliers	U.S.-origin uranium	Foreign-origin uranium	Spot contracts <sup>2</sup>	Short, medium, and long-term contracts <sup>3</sup>
1994	38.3	5.4	15.3	1.1	16.5	7.7	30.6	8.5	29.8
1995	43.4	5.3	16.2	0.6	21.4	5.2	38.2	13.6	29.8
1996	47.3	5.8	13.3	1.9	26.4	8.3	39.0	9.1	38.3
1997	42.0	5.7	9.9	3.0	23.4	8.1	33.9	5.5	36.5
1998	42.7	6.5	10.5	4.5	21.3	7.2	35.6	7.8	34.9
1999	47.9	5.2	10.4	5.6	26.8	11.4	36.5	8.0	40.0
2000	51.8	3.6	9.1	8.8	30.4	13.3	38.6	10.4	39.1
2001	55.4	2.3	11.7	11.4	30.0	13.2	42.2	14.4	40.0
2002	52.7	1.5	13.4	5.7	32.2	6.2	46.5	8.6	41.4
2003	56.6	0.6	10.5	8.3	37.2	10.2	46.4	8.2	46.7
2004	64.1	0	13.2	12.2	38.7	12.3	51.8	9.2	53.3
2005	65.7	W	10.4	W	39.4	11.0	54.7	6.9	58.8
2006	66.5	0	13.9	12.6	40.0	10.8	55.7	6.3	59.4
2007	51.0	0	9.8	7.6	33.5	4.0	47.0	6.6	43.7
2008	53.4	0.6	9.4	6.3	37.2	7.7	45.6	8.7	42.8
2009	49.8	W	11.1	W	36.8	7.1	42.8	8.1	41.0
2010	46.6	0.4	11.7	1.9	32.6	3.7	42.9	8.2	37.9
2011	54.8	0.6	14.8	1.1	38.4	5.2	49.6	12.0	42.3
2012	57.5	W	11.5	W	37.6	9.8	47.7	8.1	48.9
2013	57.4	W	12.8	W	37.4	9.5	47.9	11.3	46.1
2014	53.3	W	17.1	W	34.4	3.3	50.0	14.5	38.8

-- = Not applicable. W = Data withheld to avoid disclosure of individual company data. NA = Not available.

<sup>1</sup> Includes purchases between owners and operators of U.S. civilian nuclear power reactors along with purchases from other U.S. suppliers which are U.S. converters, enrichers, and fabricators.<sup>2</sup> Spot Contract: A one-time delivery (usually) of the entire contract to occur within one year of contract execution (signed date).<sup>3</sup> Short, Medium, and Long-Term Contracts: One or more deliveries to occur after a year following contract execution (signed date).

Notes: "Other U.S. Suppliers" are U.S. converters, enrichers, and fabricators. Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 10, 11 and 16. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".

**Table S1b. Weighted-average price of uranium purchased by owners and operators of U.S. civilian nuclear power reactors, 1994-2014**dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Delivery year	Total purchased (weighted-average price)	Purchased from U.S. producers	Purchased from U.S. brokers and traders	Purchased from other owners and operators of U.S. civilian nuclear power reactors, other U.S. suppliers, (and U.S. government for 2007) <sup>1</sup>	Purchased from foreign suppliers	U.S.-origin uranium (weighted-average price)	Foreign-origin uranium (weighted-average price)	Spot contracts <sup>2</sup> (weighted-average price)	Short, medium, and long-term contracts <sup>3</sup> (weighted-average price)
1994	<b>10.40</b>	13.72	9.34	8.04	10.43	<b>12.08</b>	<b>9.97</b>	<b>9.01</b>	NA
1995	<b>11.25</b>	14.84	9.83	12.52	11.40	<b>14.20</b>	<b>10.84</b>	<b>10.30</b>	NA
1996	<b>14.12</b>	14.20	13.36	14.98	14.45	<b>14.62</b>	<b>14.02</b>	<b>14.22</b>	NA
1997	<b>12.88</b>	13.60	12.31	W	12.91	<b>13.36</b>	<b>12.78</b>	<b>11.61</b>	NA
1998	<b>12.14</b>	13.61	11.95	W	11.97	<b>13.37</b>	<b>11.90</b>	<b>10.56</b>	NA
1999	<b>11.63</b>	13.93	11.54	W	11.47	<b>12.24</b>	<b>11.47</b>	<b>9.52</b>	NA
2000	<b>11.04</b>	14.81	11.28	10.45	10.65	<b>11.52</b>	<b>10.88</b>	<b>8.54</b>	<b>11.70</b>
2001	<b>10.15</b>	13.26	10.44	9.98	9.86	<b>10.50</b>	<b>10.05</b>	<b>7.92</b>	<b>10.96</b>
2002	<b>10.36</b>	13.03	10.21	W	10.37	<b>10.89</b>	<b>10.29</b>	<b>9.29</b>	<b>10.58</b>
2003	<b>10.81</b>	14.17	11.05	10.16	10.82	<b>10.81</b>	<b>10.81</b>	<b>10.10</b>	<b>10.94</b>
2004	<b>12.61</b>	--	12.08	11.30	13.15	<b>11.87</b>	<b>12.76</b>	<b>14.77</b>	<b>12.24</b>
2005	<b>14.36</b>	W	13.76	W	14.70	<b>15.11</b>	<b>14.21</b>	<b>20.04</b>	<b>13.70</b>
2006	<b>18.61</b>	--	20.49	W	18.62	<b>17.85</b>	<b>18.75</b>	<b>39.48</b>	<b>16.38</b>
2007	<b>32.78</b>	--	34.10	W	32.36	<b>28.89</b>	<b>33.05</b>	<b>88.25</b>	<b>24.45</b>
2008	<b>45.88</b>	75.16	39.62	W	48.49	<b>59.55</b>	<b>43.47</b>	<b>66.95</b>	<b>41.59</b>
2009	<b>45.86</b>	W	41.88	W	46.68	<b>48.92</b>	<b>45.35</b>	<b>46.45</b>	<b>45.74</b>
2010	<b>49.29</b>	47.13	44.98	42.24	51.30	<b>45.25</b>	<b>49.64</b>	<b>43.99</b>	<b>50.43</b>
2011	<b>55.64</b>	58.12	53.29	52.50	56.60	<b>52.12</b>	<b>55.98</b>	<b>54.69</b>	<b>55.90</b>
2012	<b>54.99</b>	W	54.44	W	54.40	<b>59.44</b>	<b>54.07</b>	<b>51.04</b>	<b>55.65</b>
2013	<b>51.99</b>	W	50.44	W	51.93	<b>56.37</b>	<b>51.13</b>	<b>43.83</b>	<b>54.00</b>
2014	<b>46.16</b>	W	42.90	W	47.62	<b>48.11</b>	<b>46.03</b>	<b>36.64</b>	<b>49.73</b>

-- = Not applicable. W = Data withheld to avoid disclosure of individual company data. NA = Not available.

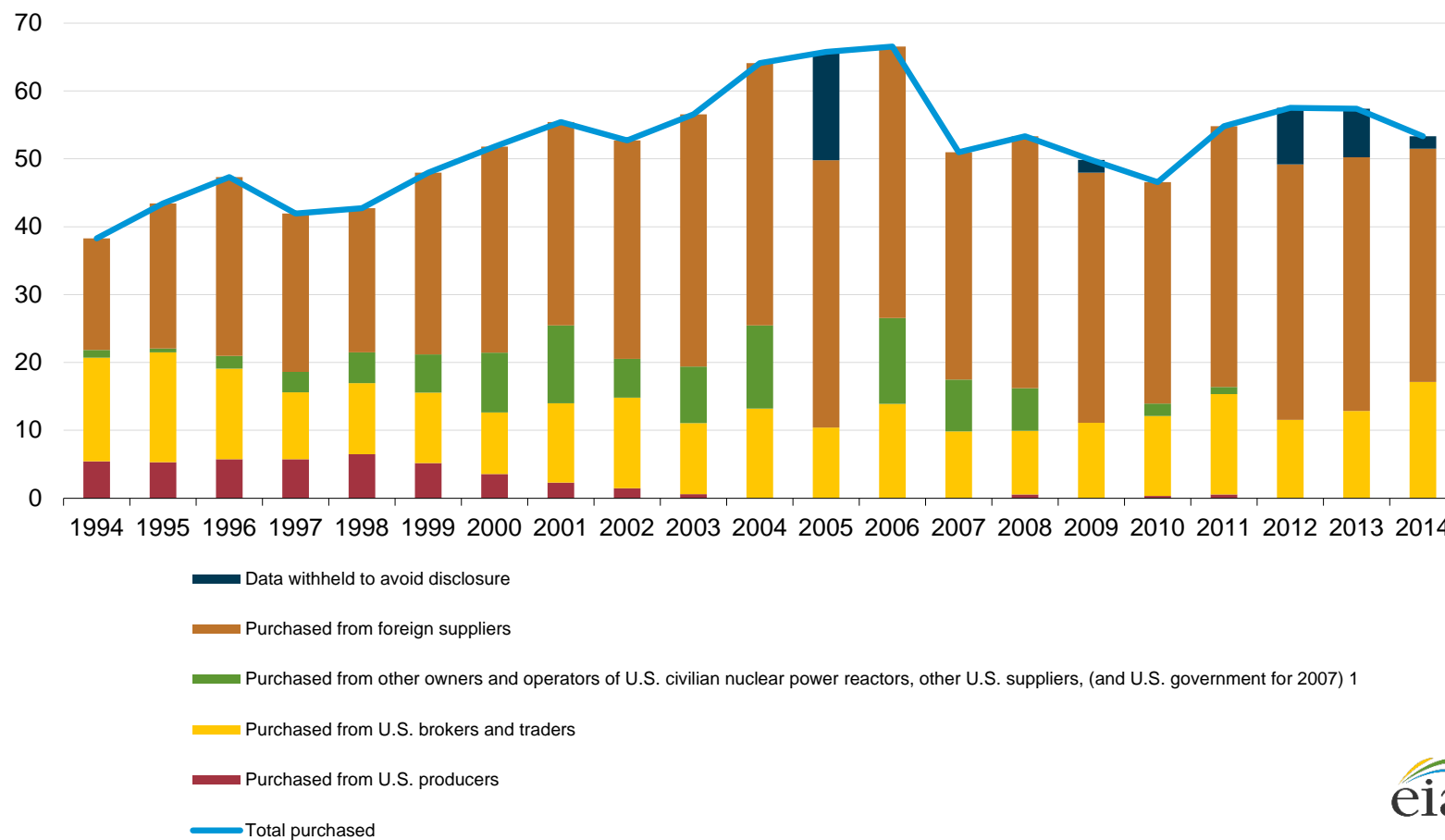
<sup>1</sup> Includes purchases between owners and operators of U.S. civilian nuclear power reactors along with purchases from other U.S. suppliers which are U.S. converters, enrichers, and fabricators.<sup>2</sup> Spot Contract: A one-time delivery (usually) of the entire contract to occur within one year of contract execution (signed date).<sup>3</sup> Short, Medium, and Long-Term Contracts: One or more deliveries to occur after a year following contract execution (signed date).

Notes: "Other U.S. Suppliers" are U.S. converters, enrichers, and fabricators. Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 10, 11 and 16. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".

Figure S1. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors, 1994-2014 deliveries

million pounds U<sub>3</sub>O<sub>8</sub> equivalent

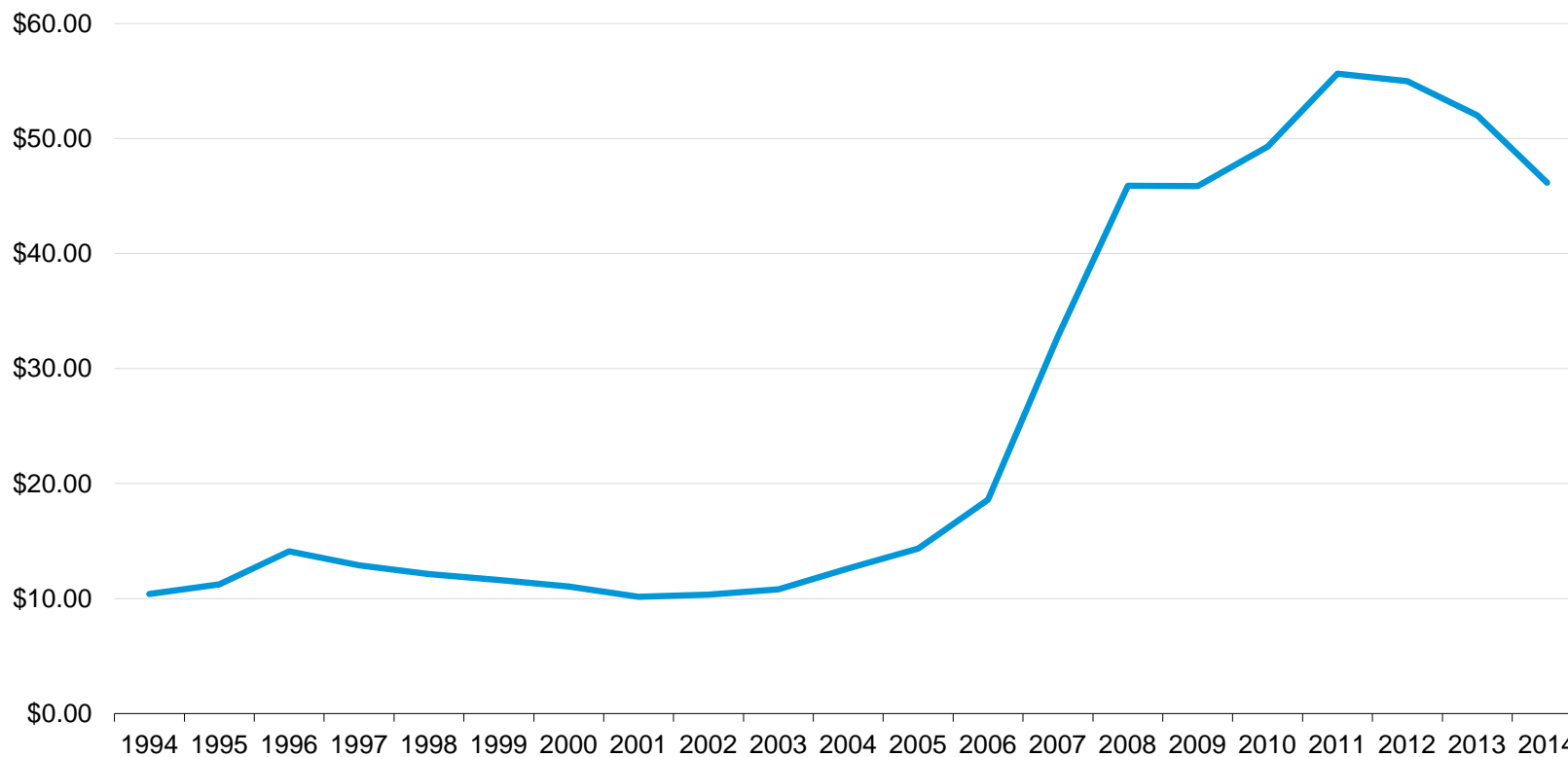


<sup>1</sup> Includes purchases between owners and operators of U.S. civilian nuclear power reactors along with purchases from other U.S. suppliers which are U.S. converters, enrichers, and fabricators.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".

**Figure S2. Weighted-average price of uranium purchased by owners and operators of U.S. civilian nuclear power reactors, 1994-2014 deliveries**

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent



Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".



**Table S2. Uranium feed deliveries, enrichment services, and uranium loaded by owners and operators of U.S. civilian nuclear power reactors, 1994-2014**

Year	Million pounds U <sub>3</sub> O <sub>8</sub> equivalent		Million separative work units (SWU)			Average price (US\$ per SWU)
	Feed deliveries by owners and operators of U.S. civilian nuclear power reactors	Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors	U.S.-origin enrichment services purchased	Foreign-origin enrichment services purchased	Total purchased enrichment services	
1994	37.6	40.4	7.5	1.7	9.2	-
1995	44.3	51.1	6.7	2.8	9.5	-
1996	49.1	46.2	8.0	3.2	11.2	-
1997	40.3	48.2	6.0	2.9	8.9	-
1998	40.6	38.2	5.7	4.4	10.1	-
1999	43.9	58.8	4.6	5.4	10.0	-
2000	47.8	51.5	5.2	6.6	11.8	-
2001	47.3	52.7	1.3	9.1	10.4	-
2002	54.7	57.2	1.7	9.8	11.5	-
2003	49.3	62.3	1.7	10.3	12.0	-
2004	53.4	50.1	1.4	10.4	11.8	-
2005	52.9	58.3	1.1	10.3	11.4	-
2006	56.6	51.7	1.6	11.8	13.4	106.57
2007	49.0	45.5	1.5	12.7	14.2	114.58
2008	43.4	51.3	1.9	10.7	12.6	121.33
2009	51.9	49.4	4.1	13.1	17.2	130.78
2010	45.5	44.3	2.3	11.5	13.8	136.14
2011	51.3	50.9	2.4	12.4	14.8	136.12
2012	52.1	49.5	3.3	12.3	15.6	141.36
2013	47.4	42.6	3.9	8.5	12.3	142.22
2014	41.9	50.5	3.8	9.2	12.9	140.75

- = No data reported.

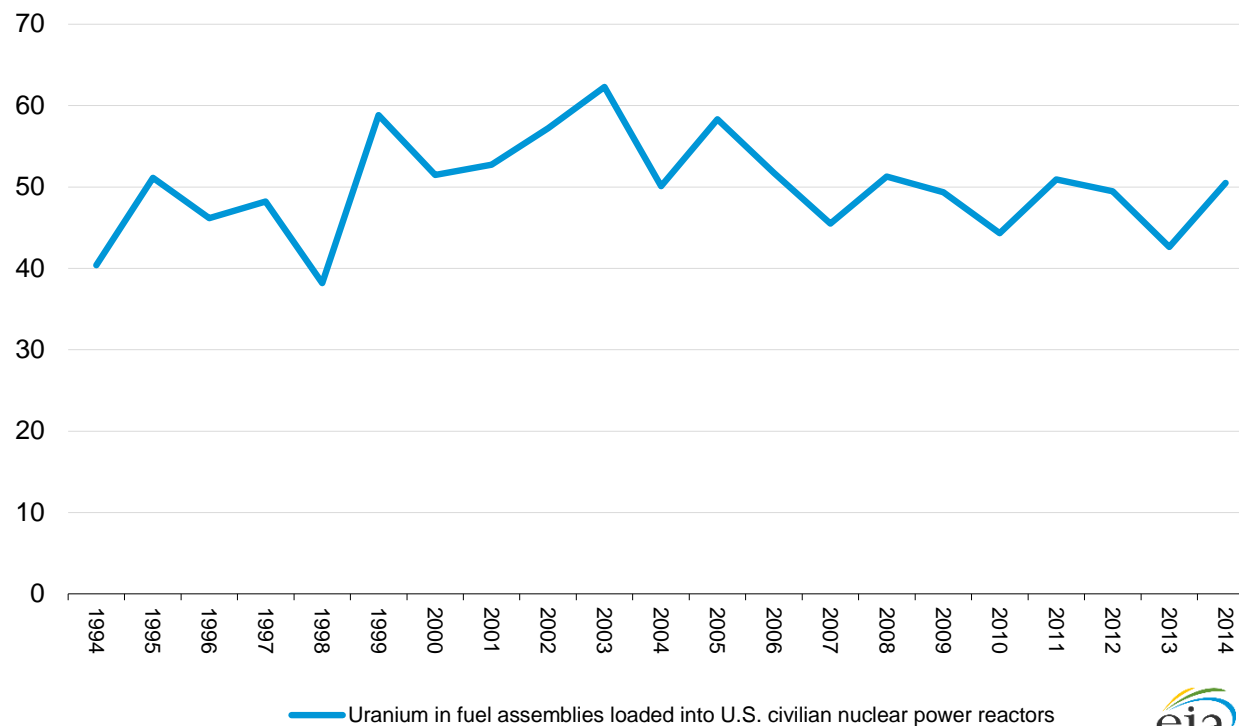
Notes: Totals may not equal sum of components because of independent rounding. Average prices are not adjusted for inflation.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 22, 23, 25, and 27. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".



**Figure S3. Uranium loaded into U.S. civilian nuclear power reactors, 1994-2014**

million pounds U<sub>3</sub>O<sub>8</sub> equivalent

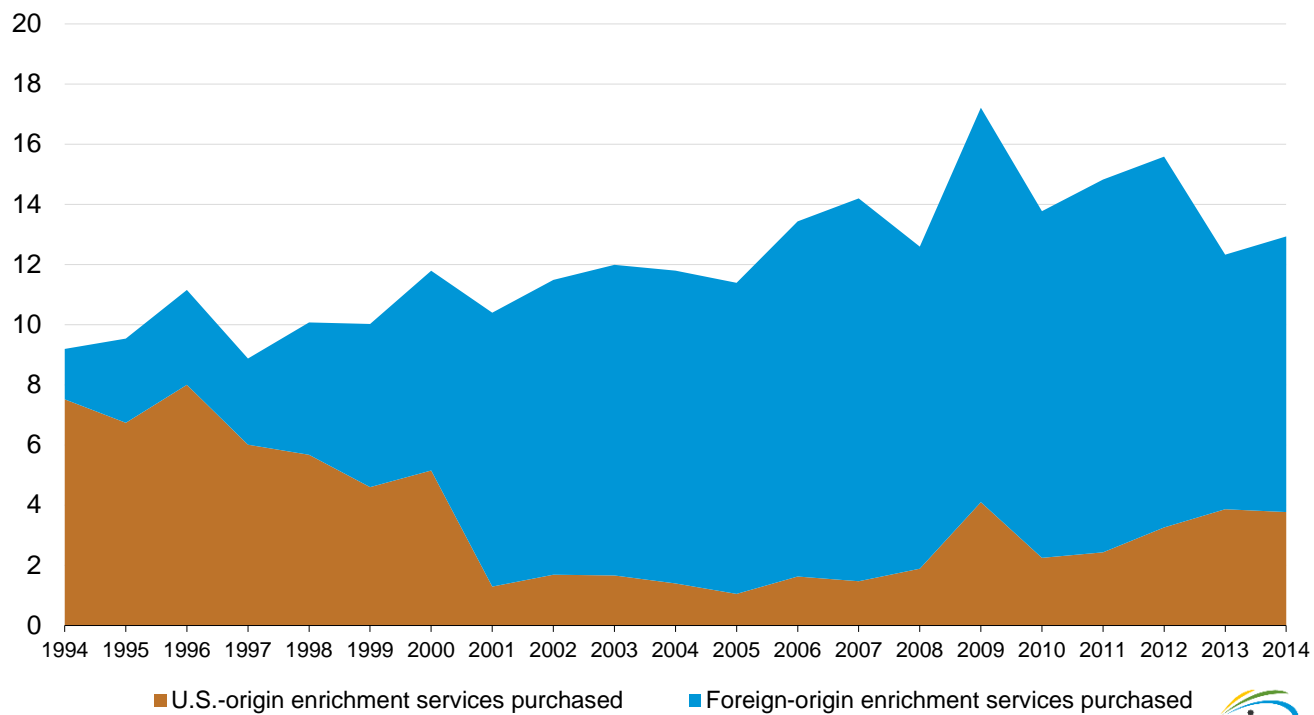


Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".



**Figure S4. Uranium enrichment services purchased by owners and operators of U.S. civilian nuclear power reactors, 1994-2014**

million separative work units (SWU)



Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".



**Table S3a. Foreign purchases, foreign sales, and uranium inventories owned by U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors, 1994-2014**million pounds U<sub>3</sub>O<sub>8</sub> equivalent

Delivery year	Foreign purchases by U.S. suppliers	Foreign purchases by owners and operators of U.S. civilian nuclear power reactors	Total foreign purchases	U.S. broker and trader purchases from foreign suppliers	Foreign sales	U.S. supplier owned uranium inventories	Owners and operators of U.S. civilian nuclear power reactors owned uranium inventories	Total commercial uranium inventories
1994	21.1	15.5	<b>36.6</b>	<b>22.3</b>	<b>17.7</b>	21.5	65.4	<b>86.9</b>
1995	20.2	21.1	<b>41.3</b>	<b>18.3</b>	<b>9.8</b>	13.7	58.7	<b>72.5</b>
1996	21.7	23.7	<b>45.4</b>	<b>17.8</b>	<b>11.5</b>	13.9	66.1	<b>80.0</b>
1997	20.4	22.5	<b>43.0</b>	<b>15.7</b>	<b>17.0</b>	40.4	65.9	<b>106.2</b>
1998	22.6	21.1	<b>43.7</b>	<b>21.7</b>	<b>15.1</b>	70.7	65.8	<b>136.5</b>
1999	21.0	26.6	<b>47.6</b>	<b>19.2</b>	<b>8.5</b>	68.8	58.3	<b>127.1</b>
2000	17.4	27.5	<b>44.9</b>	<b>15.8</b>	<b>13.6</b>	56.5	54.8	<b>111.3</b>
2001	18.7	28.0	<b>46.7</b>	<b>18.3</b>	<b>11.7</b>	48.1	55.6	<b>103.8</b>
2002	22.7	30.0	<b>52.7</b>	<b>18.6</b>	<b>15.4</b>	48.7	53.5	<b>102.1</b>
2003	18.2	34.9	<b>53.0</b>	<b>15.8</b>	<b>13.2</b>	39.9	45.6	<b>85.5</b>
2004	30.2	35.9	<b>66.1</b>	<b>26.4</b>	<b>13.2</b>	37.5	57.7	<b>95.2</b>
2005	27.0	38.5	<b>65.5</b>	<b>24.0</b>	<b>20.5</b>	29.1	64.7	<b>93.8</b>
2006	26.1	38.7	<b>64.8</b>	<b>24.0</b>	<b>18.7</b>	29.1	77.5	<b>106.6</b>
2007	21.6	32.5	<b>54.1</b>	<b>18.9</b>	<b>14.8</b>	31.2	81.2	<b>112.4</b>
2008	24.1	32.9	<b>57.1</b>	<b>21.3</b>	<b>17.2</b>	27.0	83.0	<b>110.0</b>
2009	26.7	32.2	<b>58.9</b>	<b>26.8</b>	<b>23.5</b>	26.8	84.8	<b>111.5</b>
2010	25.0	30.4	<b>55.3</b>	<b>24.7</b>	<b>23.1</b>	24.7	86.5	<b>111.3</b>
2011	19.3	35.1	<b>54.4</b>	<b>19.6</b>	<b>16.7</b>	22.3	89.8	<b>112.1</b>
2012	20.2	36.0	<b>56.2</b>	<b>20.2</b>	<b>18.0</b>	23.3	97.6	<b>120.9</b>
2013	23.2	34.1	<b>57.3</b>	<b>W</b>	<b>18.9</b>	21.3	113.1	<b>134.4</b>
2014	24.2	34.4	<b>58.6</b>	<b>W</b>	<b>20.0</b>	18.6	116.0	<b>134.6</b>

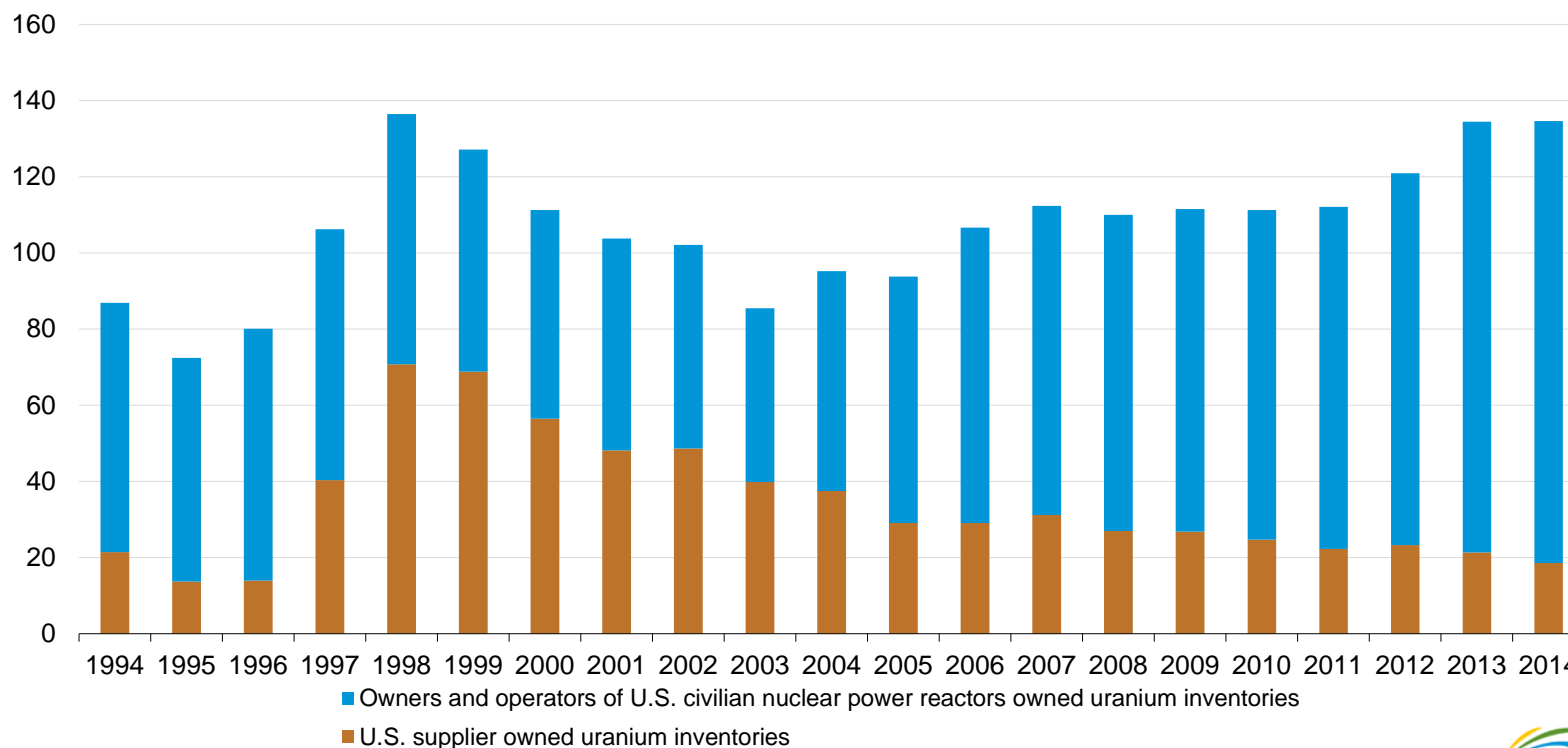
W = Data withheld to avoid disclosure of individual company data.

Notes: Totals may not equal sum of components because of independent rounding. Foreign purchase: A uranium purchase of foreign-origin uranium from a firm located outside the United States. Foreign sale: A uranium sale to a firm located outside the United States.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 28, 29, 30 and 31. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".

**Figure S5. Total commercial uranium inventories of U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors, 1994-2014**

million pounds U<sub>3</sub>O<sub>8</sub> equivalent



Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey" .



**Table S3b. Weighted-average price of foreign purchases and foreign sales by U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors, 1994-2014**dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

<b>Delivery year</b>	<b>Foreign purchases by U.S. suppliers</b>	<b>Foreign purchases by owners and operators of U.S. civilian nuclear power reactors</b>	<b>Total foreign purchases (weighted-average price)</b>	<b>U.S. broker and trader purchases from foreign suppliers (weighted-average price)</b>	<b>Foreign sales (weighted-average price)</b>
1994	7.78	10.53	8.95	7.87	11.34
1995	8.96	11.39	10.20	9.02	13.48
1996	11.78	14.41	13.15	11.78	14.20
1997	10.61	12.89	11.81	10.71	12.39
1998	10.50	11.96	11.19	10.77	12.05
1999	9.42	11.45	10.55	9.60	11.97
2000	8.45	10.68	9.84	8.61	8.48
2001	8.98	9.87	9.51	8.87	8.79
2002	9.65	10.37	10.05	9.59	10.04
2003	10.19	10.79	10.59	10.19	10.39
2004	11.21	13.13	12.25	11.15	12.63
2005	15.11	14.63	14.83	15.68	20.70
2006	20.28	18.66	19.31	21.61	32.87
2007	36.59	32.58	34.18	39.88	55.47
2008	33.30	47.46	41.30	35.39	45.62
2009	34.80	46.55	41.23	34.88	41.48
2010	41.30	51.69	47.01	41.23	42.78
2011	48.80	56.87	54.00	49.27	49.05
2012	46.80	54.08	51.44	47.08	47.57
2013	43.25	51.64	48.24	W	42.75
2014	39.13	47.62	44.11	W	35.69

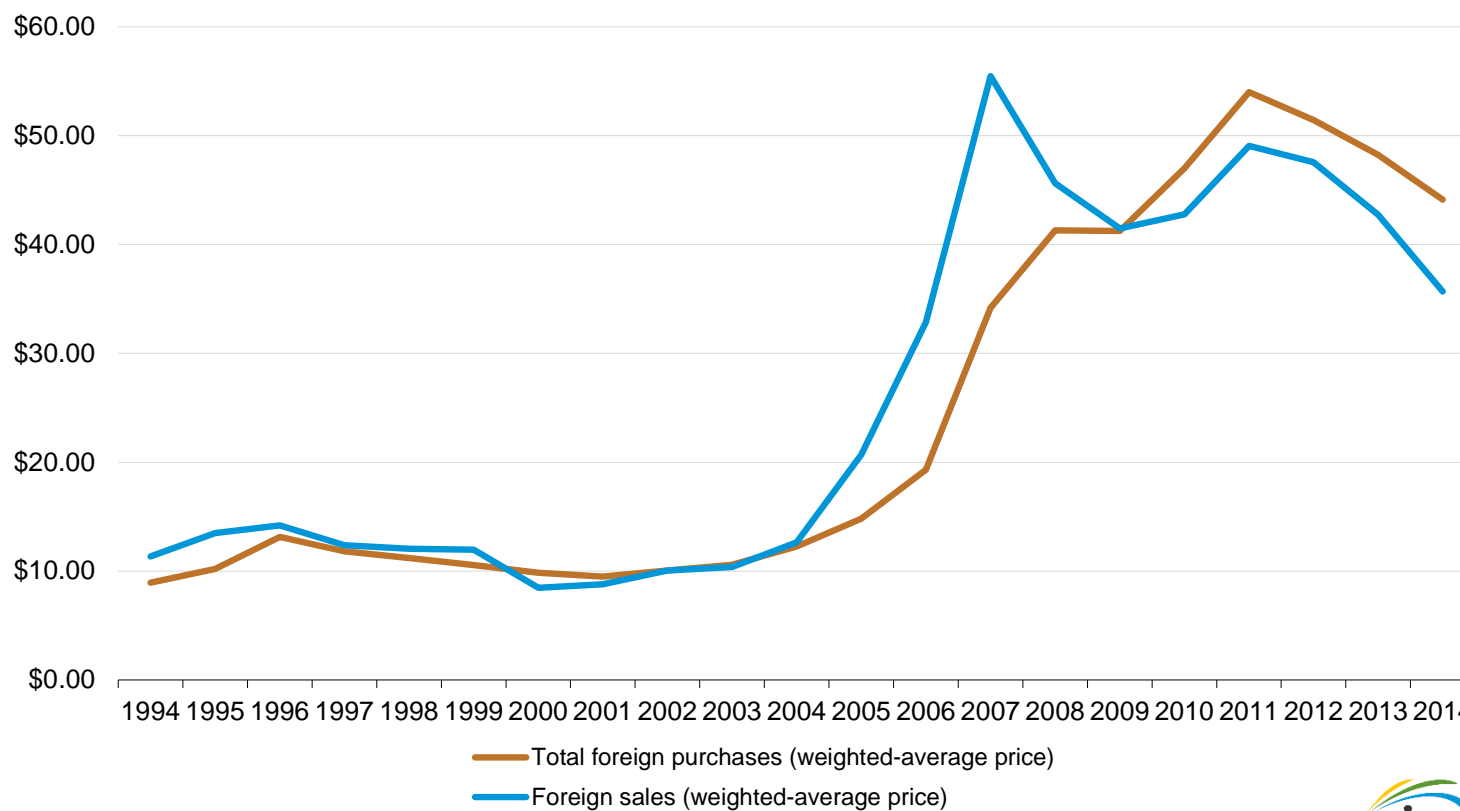
W = Data withheld to avoid disclosure of individual company data.

Notes: Totals may not equal sum of components because of independent rounding. Foreign purchase: A uranium purchase of foreign-origin uranium from a firm located outside the United States. Foreign sale: A uranium sale to a firm located outside the United States. Weighted-average prices are not adjusted for inflation.

Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 28, 29, 30 and 31. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".

Figure S6. Weighted-average price of foreign purchases and foreign sales of uranium, 1994-2014

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent



Sources: U.S. Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-14-Form EIA-858, "Uranium Marketing Annual Survey".



**Table 1. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by supplier and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Deliveries	2010	2011	2012	2013	2014
<b>Purchased from U.S. producers</b>					
Purchases of U.S.-origin and foreign-origin uranium	350	550	W	W	W
Weighted-average price	47.13	58.12	W	W	W
<b>Purchased from U.S. brokers and traders</b>					
Purchases of U.S.-origin and foreign-origin uranium	11,745	14,778	11,545	12,835	17,111
Weighted-average price	44.98	53.29	54.44	50.44	42.90
<b>Purchased from other owners and operators of U.S. civilian nuclear power reactors</b>					
Purchases	0	0	0	0	0
Weighted-average price	--	--	--	--	--
<b>Purchased from other U.S. suppliers</b>					
Purchases of U.S.-origin and foreign-origin uranium	1,851	1,061	W	W	W
Weighted-average price	42.24	52.50	W	W	W
<b>Purchased from foreign suppliers</b>					
Purchases of U.S.-origin and foreign-origin uranium	32,637	38,442	37,624	37,405	34,404
Weighted-average price	51.30	56.60	54.40	51.93	47.62
<b>Total purchased by owners and operators of U.S. civilian nuclear power reactors</b>					
Purchases of U.S.-origin and foreign-origin uranium	<b>46,582</b>	<b>54,831</b>	<b>57,520</b>	<b>57,403</b>	<b>53,349</b>
Weighted-average price	<b>49.29</b>	<b>55.64</b>	<b>54.99</b>	<b>51.99</b>	<b>46.16</b>

W = Data withheld to avoid disclosure of individual company data.

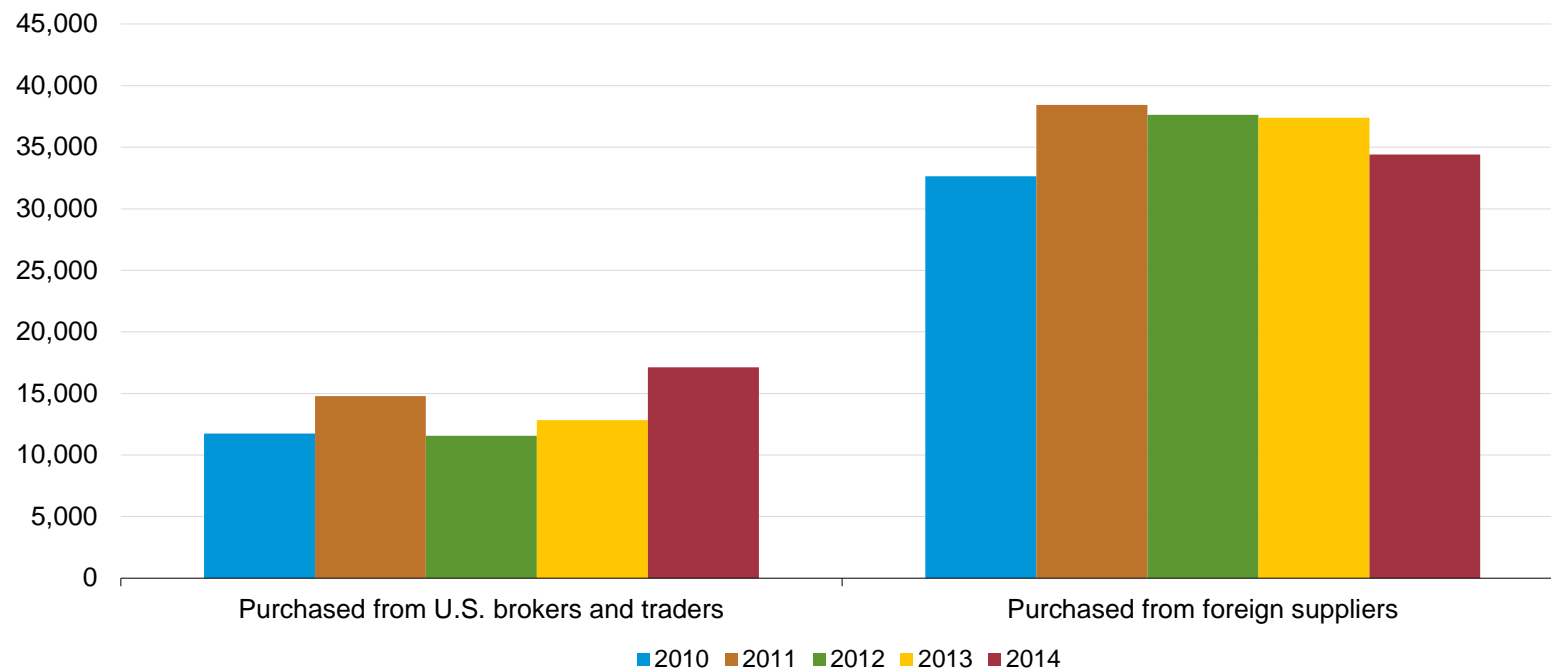
-- = Not applicable.

Notes: "Other U.S. Suppliers" are U.S. converters, enrichers, and fabricators. Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 1. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by supplier and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



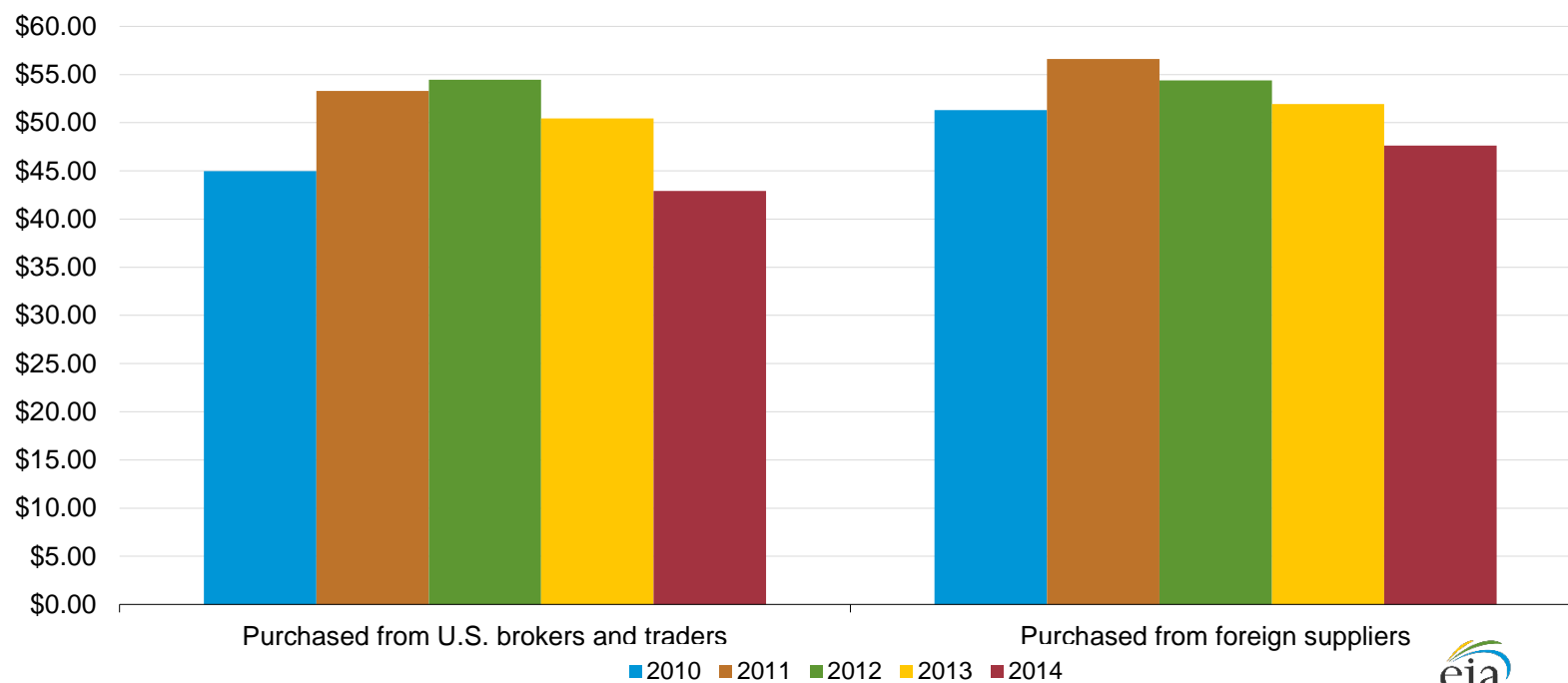
Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).





**Figure 2. Weighted-average price of uranium purchased by owners and operators of U.S. civilian nuclear power reactors by supplier and delivery year, 2010-14**

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).



**Table 2. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by origin and delivery year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

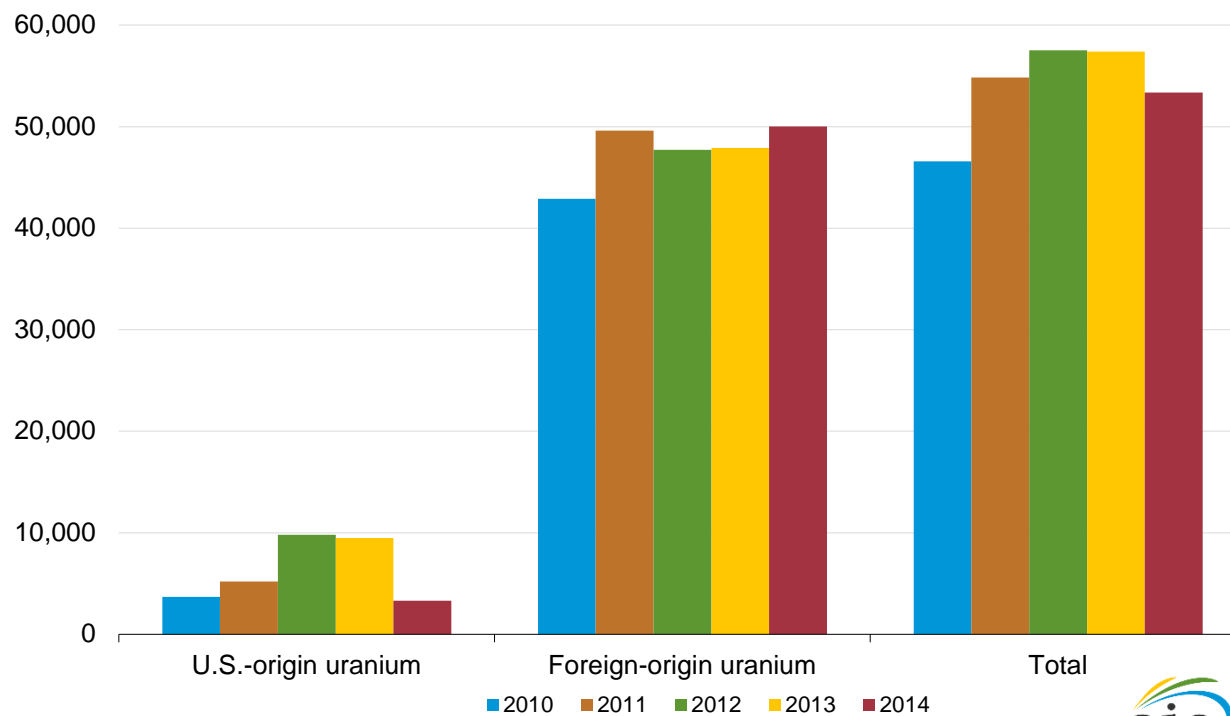
<b>Deliveries</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>U.S.-origin uranium</b>					
Purchases	3,687	5,205	9,807	9,484	3,316
Weighted-average price	45.25	52.12	59.44	56.37	48.11
<b>Foreign-origin uranium</b>					
Purchases	42,895	49,626	47,713	47,919	50,033
Weighted-average price	49.64	55.98	54.07	51.13	46.03
<b>Total</b>					
Purchases	<b>46,582</b>	<b>54,831</b>	<b>57,520</b>	<b>57,403</b>	<b>53,349</b>
Weighted-average price	<b>49.29</b>	<b>55.64</b>	<b>54.99</b>	<b>51.99</b>	<b>46.16</b>

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 3. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by origin and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

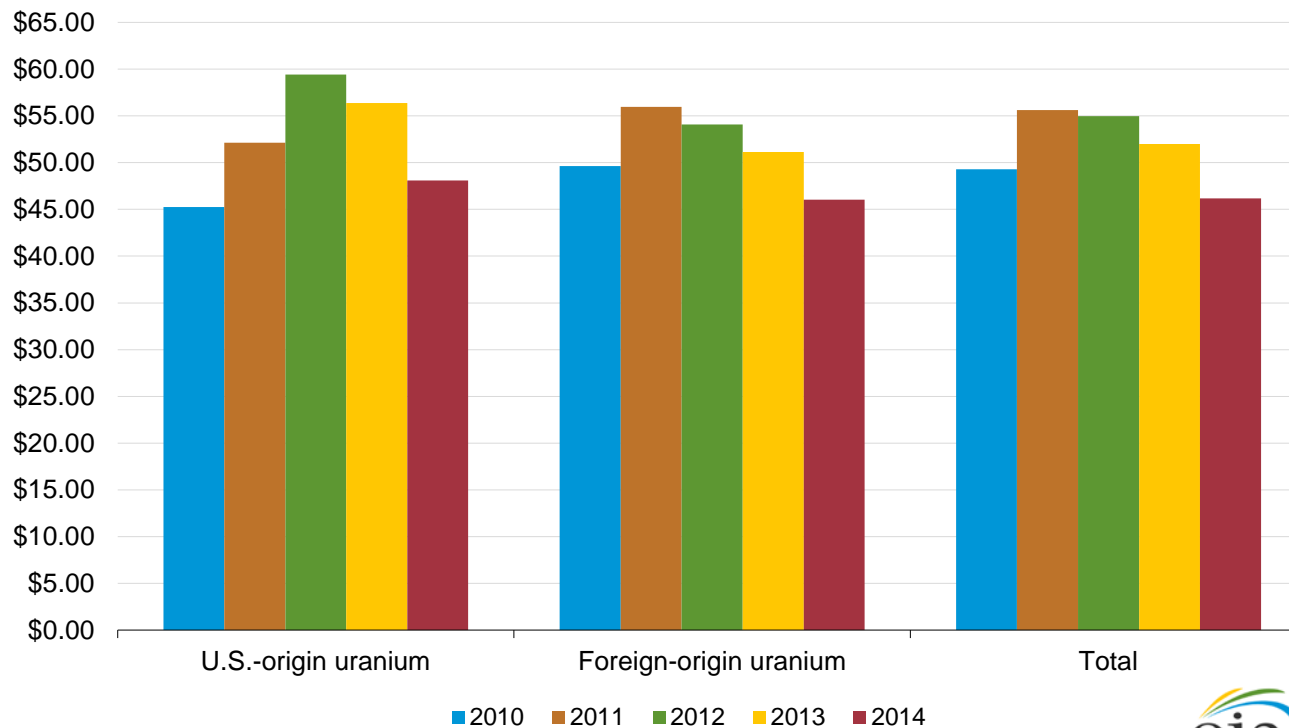


Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).



**Figure 4. Weighted-average price of uranium purchased by owners and operators of U.S. civilian nuclear power reactors by origin and delivery year, 2010-14**

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).



**Table 3. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by origin country and delivery year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Origin country	Deliveries in 2010		Deliveries in 2011		Deliveries in 2012		Deliveries in 2013		Deliveries in 2014	
	Purchases	Weighted-average price	Purchases	Weighted-average price	Purchases	Weighted-average price	Purchases	Weighted-average price	Purchases	Weighted-average price
Australia	7,112	51.35	6,001	57.47	6,724	51.17	10,741	49.92	10,511	48.03
Brazil	W	W	W	W	W	W	W	W	W	W
Canada	10,238	50.35	10,832	56.08	13,584	56.75	7,808	52.61	9,789	45.87
China	0	--	W	W	W	W	W	W	W	W
Czech Republic	W	W	0	--	0	--	W	W	W	W
Germany	W	W	0	--	0	--	W	W	0	--
Hungary	W	W	0	--	0	--	W	W	0	--
Kazakhstan	6,830	47.81	9,728	53.71	6,234	51.69	6,454	46.73	12,032	44.47
Malawi	W	W	780	65.44	W	W	1,277	59.89	1,514	44.94
Namibia	4,913	47.90	6,199	56.74	5,986	54.56	5,677	49.78	4,603	45.54
Niger	587	49.00	1,744	54.38	2,133	50.45	1,666	51.26	1,316	42.86
Portugal	0	--	0	--	0	--	W	W	0	--
Russia	10,544	50.28	10,199	56.57	7,643	54.40	10,580	53.73	6,859	45.65
South Africa	W	W	1,524	53.62	1,243	56.45	186	46.72	938	43.71
Ukraine	W	W	W	W	W	W	0	--	W	W
United Kingdom	0	--	0	--	0	--	0	--	W	W
Uzbekistan	1,865	48.57	1,808	55.99	2,576	52.80	3,064	50.02	1,779	46.84
unknown	0	--	0	--	0	--	W	W	W	W
<b>Foreign Total</b>	<b>42,895</b>	<b>49.64</b>	<b>49,626</b>	<b>55.98</b>	<b>47,713</b>	<b>54.07</b>	<b>47,919</b>	<b>51.13</b>	<b>50,033</b>	<b>46.03</b>
United States	3,687	45.25	5,205	52.12	9,807	59.44	9,484	56.37	3,316	48.11
<b>Total Purchases</b>	<b>46,582</b>	<b>49.29</b>	<b>54,831</b>	<b>55.64</b>	<b>57,520</b>	<b>54.99</b>	<b>57,403</b>	<b>51.99</b>	<b>53,349</b>	<b>46.16</b>

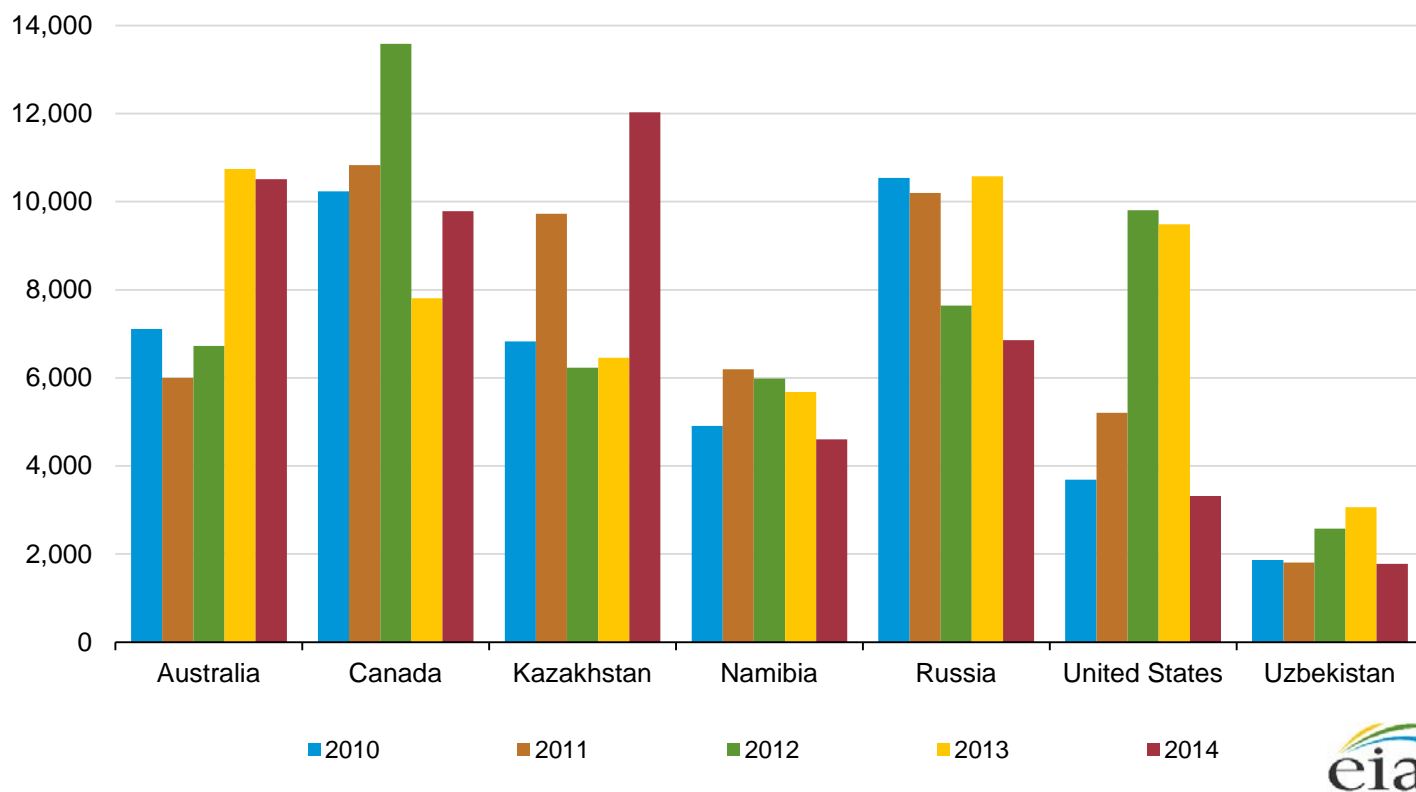
W = Data withheld to avoid disclosure of individual company data. -- = Not applicable.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 5. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by selected origin country and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Table 4. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by origin and material type, 2014 deliveries**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Deliveries	Uranium concentrate	Natural UF <sub>6</sub>	Enriched UF <sub>6</sub>	Total
<b>U.S.-origin uranium</b>				
Purchases	2,004	1,312	0	3,316
Weighted-average price	49.87	45.41	--	48.11
<b>Foreign-origin uranium</b>				
Purchases	27,257	16,491	6,285	50,033
Weighted-average price	44.56	48.98	44.69	46.03
<b>Total</b>				
Purchases	<b>29,260</b>	<b>17,803</b>	<b>6,285</b>	<b>53,349</b>
Weighted-average price	<b>44.92</b>	<b>48.71</b>	<b>44.69</b>	<b>46.16</b>

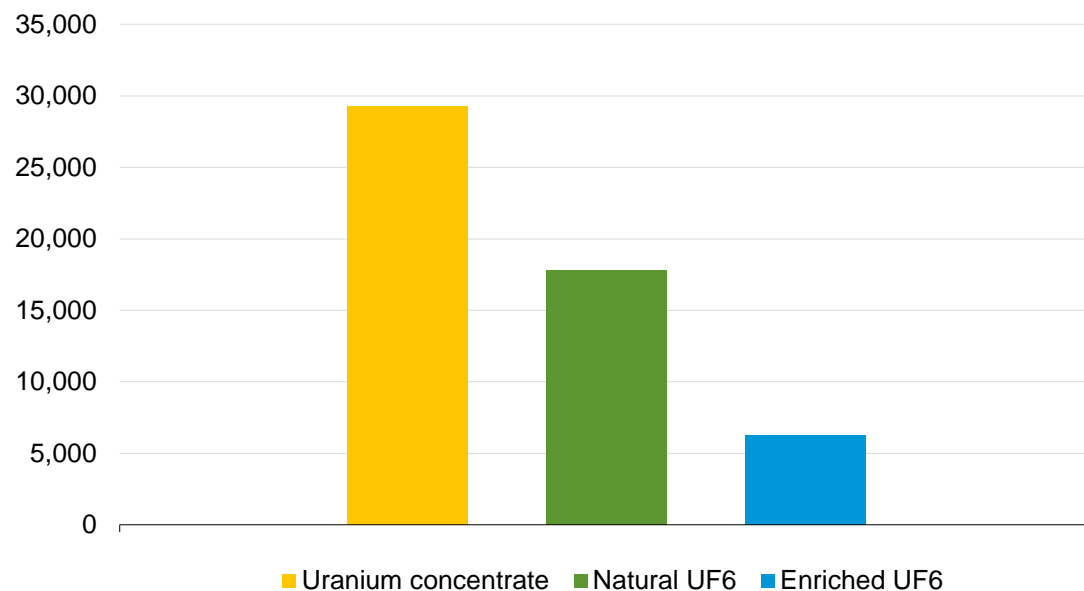
-- = Not applicable.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation. Natural UF<sub>6</sub> is uranium hexafluoride. The natural UF<sub>6</sub> and enriched UF<sub>6</sub> quantity represents only the U<sub>3</sub>O<sub>8</sub> equivalent uranium-component quantity specified in the contract for each delivery of natural UF<sub>6</sub> and enriched UF<sub>6</sub>. The natural UF<sub>6</sub> and enriched UF<sub>6</sub> weighted-average price represent only the U<sub>3</sub>O<sub>8</sub> equivalent uranium-component price specified in the contract for each delivery of natural UF<sub>6</sub> and enriched UF<sub>6</sub>, and does not include the conversion service and enrichment service components.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Figure 6. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by material type, 2014 deliveries**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2014).



**Table 5. Average price and quantity for uranium purchased by owners and operators of U.S. civilian nuclear power reactors by pricing mechanisms and delivery year, 2013-14**

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent; thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Pricing mechanisms	Domestic purchases <sup>1</sup>		Foreign purchases <sup>2</sup>		Total purchases	
	2013	2014	2013	2014	2013	2014
<b>Contract-specified (fixed and base-escalated) pricing</b>						
Weighted-average price	54.95	41.87	55.03	49.87	54.99	45.47
Quantity with reported price	14,530	15,711	14,732	12,815	29,262	28,526
<b>Spot-market pricing</b>						
Weighted-average price	42.55	37.28	41.87	37.04	42.18	37.06
Quantity with reported price	3,642	222	4,256	2,481	7,898	2,703
<b>Other pricing</b>						
Weighted-average price	52.68	51.68	51.08	47.26	51.49	48.16
Quantity with reported price	5,136	4,527	15,107	17,568	20,243	22,095
<b>All pricing mechanisms</b>						
<b>Weighted-average price</b>	<b>52.51</b>	<b>43.99</b>	<b>51.64</b>	<b>47.51</b>	<b>51.99</b>	<b>46.16</b>
<b>Quantity with reported price</b>	<b>23,308</b>	<b>20,460</b>	<b>34,095</b>	<b>32,863</b>	<b>57,403</b>	<b>53,323</b>
<b>Total quantity</b>	<b>23,308</b>	<b>20,486</b>	<b>34,095</b>	<b>32,863</b>	<b>57,403</b>	<b>53,349</b>

<sup>1</sup> A uranium purchase of both U.S.-origin uranium or from a firm located in the United States.

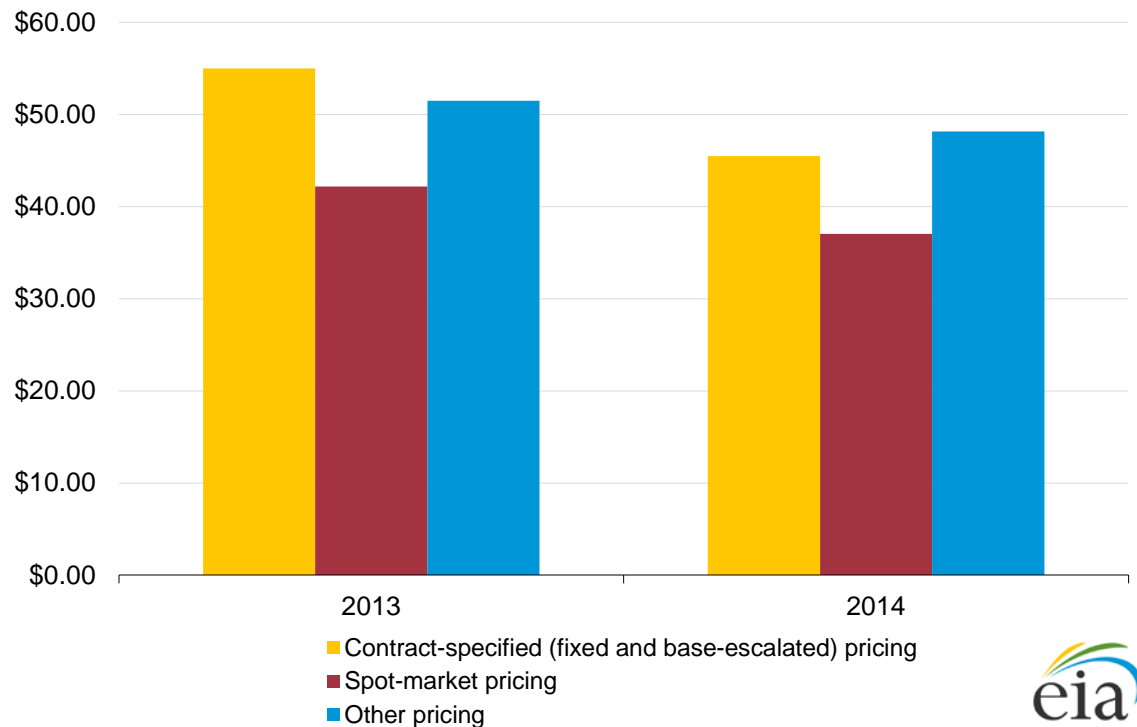
<sup>2</sup> A uranium purchase of foreign-origin uranium from a firm located outside of the United States.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).

**Figure 7. Average price for uranium purchased by owners and operators of U.S. civilian nuclear power reactors by pricing mechanisms and delivery year, 2013-14**

dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).



**Table 6a. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors ranked by price and distributed by quantity, 2012-14 deliveries**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Quantity distribution <sup>1</sup>	Deliveries in 2012		Deliveries in 2013		Deliveries in 2014	
	Quantity with reported price	Weighted-average price	Quantity with reported price	Weighted-average price	Quantity with reported price	Weighted-average price
First	7,119	38.24	7,175	34.34	6,665	30.26
Second	7,119	48.64	7,175	41.29	6,665	35.11
Third	7,119	51.16	7,175	45.89	6,665	39.29
Fourth	7,119	54.15	7,175	49.84	6,665	43.36
Fifth	7,119	56.93	7,175	53.17	6,665	46.74
Sixth	7,119	59.98	7,175	57.24	6,665	50.65
Seventh	7,119	61.02	7,175	61.55	6,665	55.49
Eighth	7,119	69.84	7,175	72.62	6,665	68.37
<b>Total</b>	<b>56,949</b>	<b>54.99</b>	<b>57,403</b>	<b>51.99</b>	<b>53,323</b>	<b>46.16</b>

<sup>1</sup> Distribution divides total quantity of uranium delivered (with a price) into eight distributions by price (sorted from lowest to highest) and provides the quantity-weighted average price for each distribution.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Table 6b. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors ranked by price and distributed by purchaser, 2012-14 deliveries**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Distribution of purchasers	Deliveries in 2012			Deliveries in 2013			Deliveries in 2014		
	Number of purchasers	Quantity with reported price	Weighted-average price	Number of purchasers	Quantity with reported price	Weighted-average price	Number of purchasers	Quantity with reported price	Weighted-average price
First	8	10,981	45.58	8	12,328	42.01	8	11,681	37.64
Second	7	11,659	53.03	8	13,143	49.94	7	8,493	42.68
Third	7	21,146	57.22	7	18,057	53.43	7	21,805	48.04
Fourth	7	13,163	61.01	7	13,875	60.93	7	11,344	53.91
<b>Total</b>	<b>29</b>	<b>56,949</b>	<b>54.99</b>	<b>30</b>	<b>57,403</b>	<b>51.99</b>	<b>29</b>	<b>53,323</b>	<b>46.16</b>

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Table 7. Uranium purchased by owners and operators of U.S. civilian nuclear power reactors by contract type and material type, 2014 deliveries**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

Material Type	Spot Contracts <sup>1</sup>		Long-Term Contracts <sup>2</sup>		Total	
	Quantity with reported price	Weighted-average price	Quantity with reported price	Weighted-average price	Quantity with reported price	Weighted-average price
U <sub>3</sub> O <sub>8</sub>	8,440	38.38	20,820	47.57	29,260	44.92
Natural UF <sub>6</sub>	4,405	35.30	13,373	53.13	17,777	48.71
Enriched UF <sub>6</sub>	1,688	31.41	4,598	49.56	6,285	44.69
<b>Total</b>	<b>14,533</b>	<b>36.64</b>	<b>38,790</b>	<b>49.73</b>	<b>53,323</b>	<b>46.16</b>

<sup>1</sup> A one-time delivery (usually) of the entire contract to occur within one year of contract execution (signed date).

<sup>2</sup> One or more deliveries to occur after a year following contract execution (signed date).

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

UF<sub>6</sub> is uranium hexafluoride. The natural UF<sub>6</sub> and enriched UF<sub>6</sub> quantity represents only the U<sub>3</sub>O<sub>8</sub> equivalent uranium-component quantity specified in the contract for each delivery of natural UF<sub>6</sub> and enriched UF<sub>6</sub>. The natural UF<sub>6</sub> and enriched UF<sub>6</sub> weighted-average price represent only the U<sub>3</sub>O<sub>8</sub> equivalent uranium-component price specified in the contract for each delivery of natural UF<sub>6</sub> and enriched UF<sub>6</sub>, and does not include the conversion service and enrichment service components.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Table 8. Contracts signed in 2014 by owners and operators of U.S. civilian nuclear power reactors by contract type**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

<b>Purchase contract type (Signed in 2014)</b>	<b>Quantity of deliveries received in 2014</b>	<b>Weighted-average price</b>	<b>Number of purchase contracts for deliveries in 2014</b>
Spot	W	W	67
Long-term	W	W	2
<b>Total</b>	<b>12,263</b>	<b>34.83</b>	<b>69</b>

W = Data withheld to avoid disclosure of individual company data.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Table 9. Contracted purchases of uranium by owners and operators of U.S. civilian nuclear power reactors, signed in 2014, by delivery year, 2015-24**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

<b>Year of delivery</b>	<b>Minimum</b>	<b>Maximum</b>
2015	2,838	2,838
2016	3,573	3,573
2017	2,718	2,818
2018	W	2,628
2019	W	W
2020	W	W
2021	W	W
2022	W	W
2023	W	W
2024	W	W
<b>Total</b>	<b>13,991</b>	<b>15,591</b>

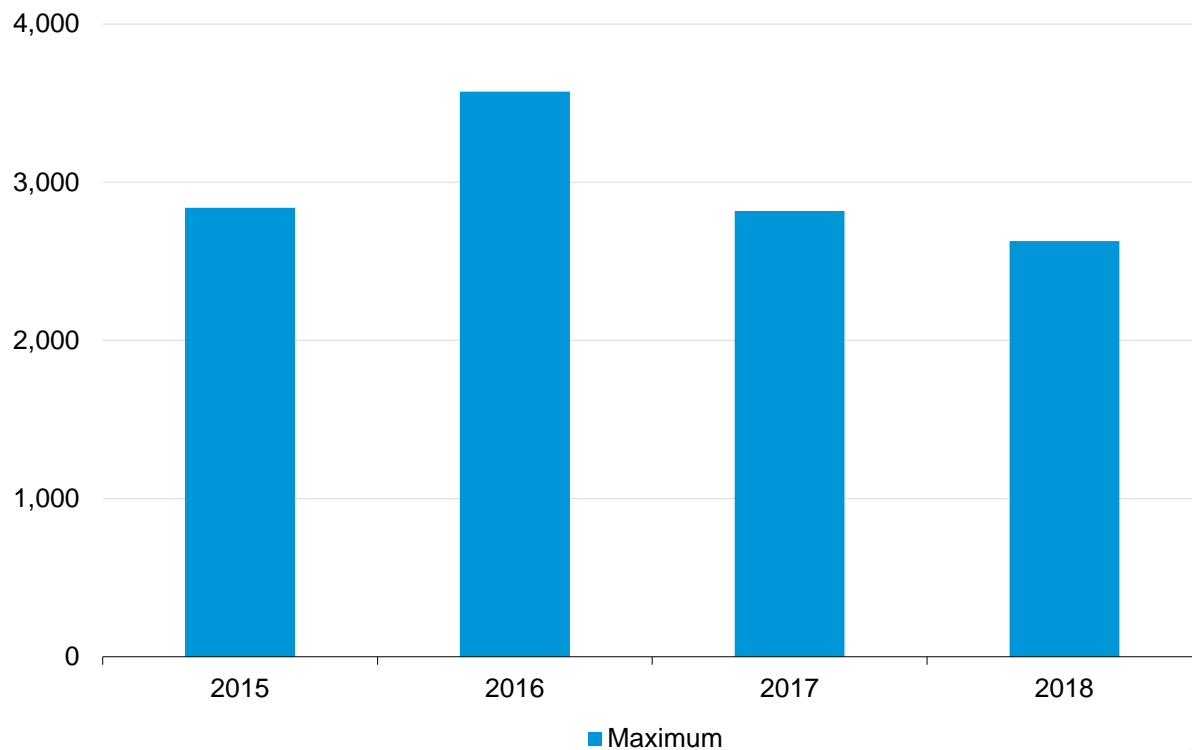
W = Data withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Figure 8. Contracted purchases of uranium by owners and operators of U.S. civilian nuclear power reactors, signed in in 2014, by delivery year, 2015-18**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2014).





**Table 10. Contracted purchases of uranium from suppliers by owners and operators of U.S. civilian nuclear power reactors, in effect at the end of 2014, by delivery year, 2015-24**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Year of delivery	Contracted purchases from U.S. suppliers		Contracted purchases from foreign suppliers		Contracted purchases from all suppliers	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
2015	8,405	8,843	31,468	34,156	39,873	42,999
2016	7,344	7,757	29,660	31,787	37,004	39,544
2017	5,980	6,561	22,905	24,696	28,886	31,257
2018	6,439	6,822	18,043	19,180	24,481	26,001
2019	6,310	6,656	11,496	12,440	17,805	19,096
2020	2,136	2,296	10,081	11,012	12,217	13,308
2021	1,487	1,878	5,641	5,866	7,129	7,745
2022	W	990	W	5,597	6,062	6,587
2023	W	1,642	W	4,282	5,309	5,923
2024	W	990	W	3,876	4,419	4,866
<b>Total</b>	<b>40,734</b>	<b>44,434</b>	<b>142,452</b>	<b>152,892</b>	<b>183,185</b>	<b>197,326</b>

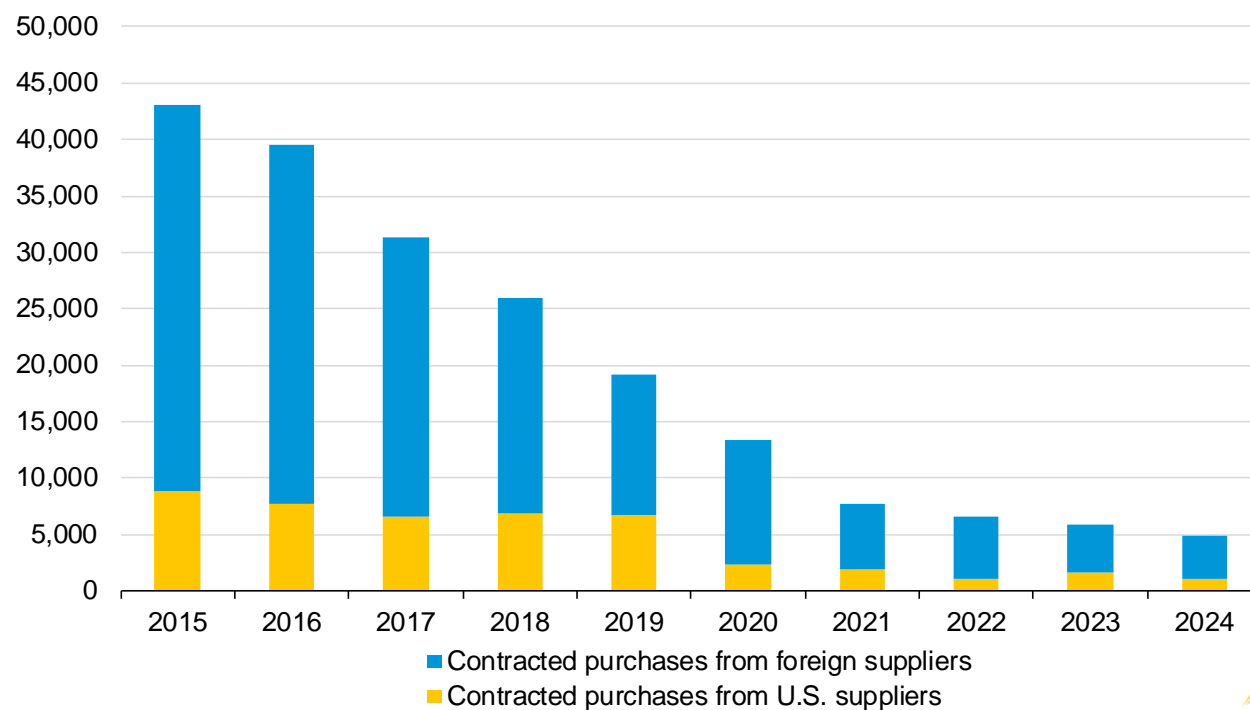
W = Data withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Figure 9. Maximum contracted purchases of uranium from suppliers by owners and operators of U.S. civilian nuclear power reactors, in effect at the end of 2014, by delivery year, 2015-24**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).



**Table 11. Unfilled uranium market requirements of owners and operators of U.S. civilian nuclear power reactors, 2014-24**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Year	As of December 31, 2013		As of December 31, 2014	
	Annual	Cumulative	Annual	Cumulative
2014	2,494	2,494	-	--
2015	6,014	8,507	3,496	3,496
2016	12,121	20,629	7,384	10,880
2017	18,476	39,104	10,351	21,231
2018	24,303	63,407	18,468	39,699
2019	31,356	94,763	29,929	69,629
2020	36,593	131,356	33,521	103,150
2021	42,845	174,201	42,933	146,083
2022	44,797	218,998	45,279	191,363
2023	45,219	264,217	44,199	235,561
2024	-	--	47,281	282,843

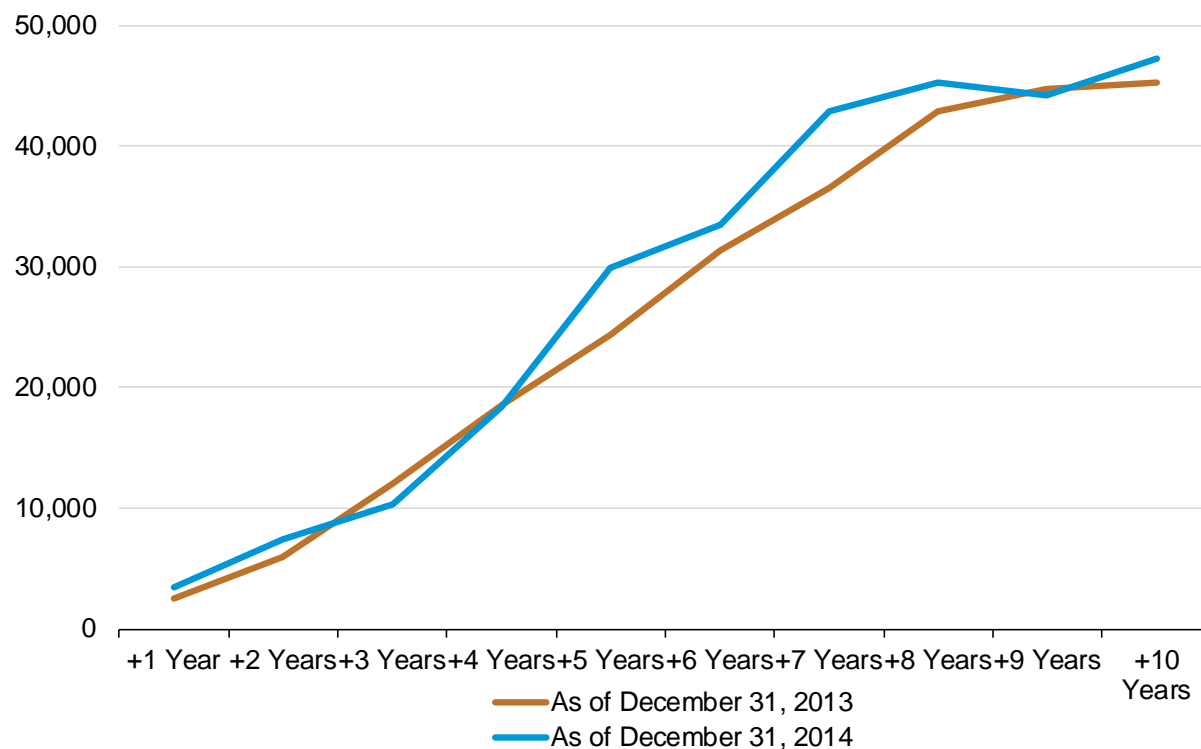
- = No data reported. -- = Not applicable.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).

**Figure 10. Annual unfilled uranium market requirements of owners and operators of U.S. civilian nuclear power reactors, as of 12/31/2013 and 12/31/2014**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).



**Table 12. Maximum anticipated uranium market requirements of owners and operators of U.S. civilian nuclear power reactors, 2015-24, as of December 31, 2014**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

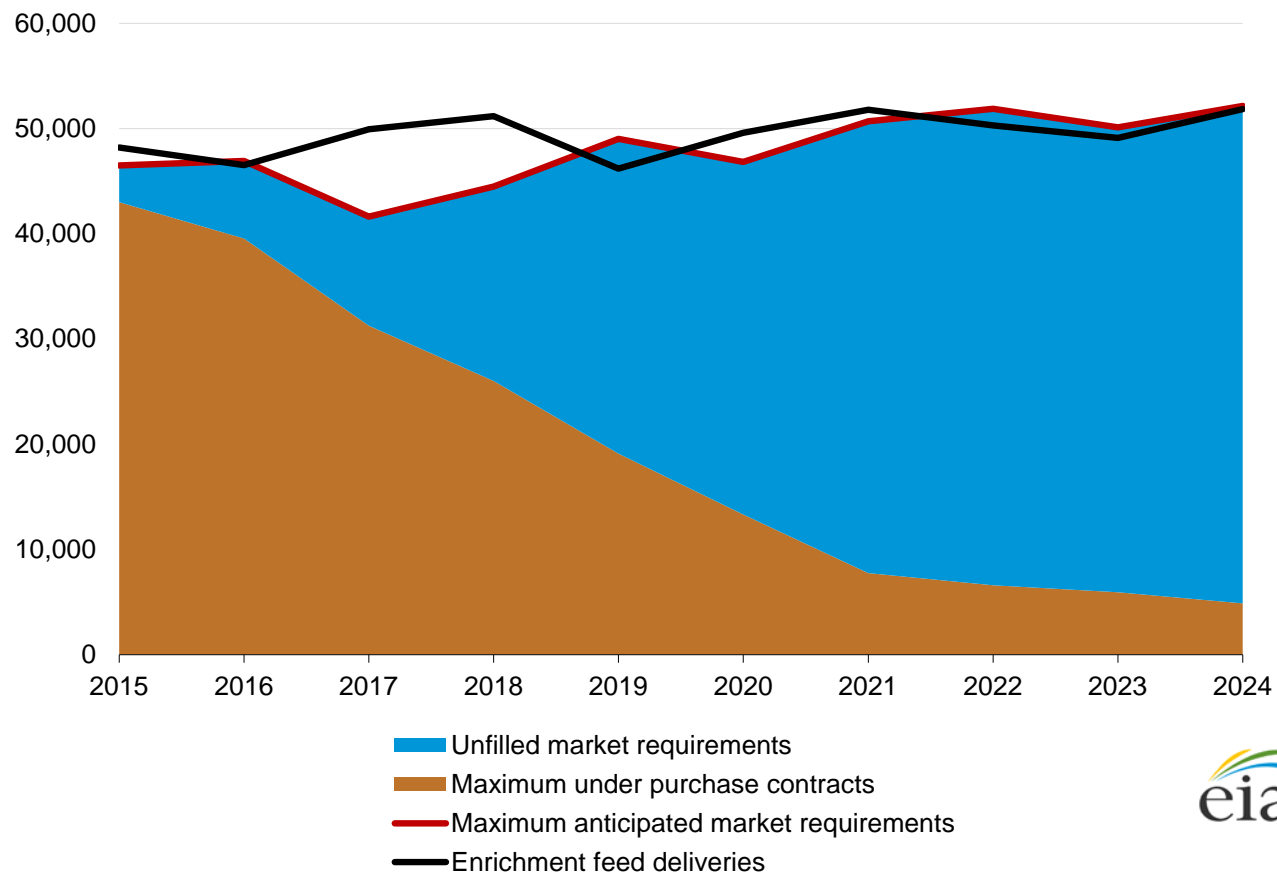
<b>Year</b>	<b>Maximum under purchase contracts</b>	<b>Unfilled market requirements</b>	<b>Maximum anticipated market requirements</b>	<b>Enrichment feed deliveries</b>
2015	42,999	3,496	46,494	48,206
2016	39,544	7,384	46,929	46,529
2017	31,257	10,351	41,608	49,924
2018	26,001	18,468	44,469	51,169
2019	19,096	29,929	49,025	46,184
2020	13,308	33,521	46,829	49,598
2021	7,745	42,933	50,678	51,793
2022	6,587	45,279	51,866	50,286
2023	5,923	44,199	50,122	49,118
2024	4,866	47,281	52,148	51,829
<b>Total</b>	<b>197,326</b>	<b>282,843</b>	<b>480,168</b>	<b>494,637</b>

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Figure 11. Maximum anticipated uranium market requirements of owners and operators of U.S. civilian nuclear power reactors, 2015-24, as of December 31, 2014**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Table 13. Deliveries of uranium feed by owners and operators of U.S. civilian nuclear power reactors by enrichment country and delivery year, 2012-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Enrichment country	Feed deliveries in 2012			Feed deliveries in 2013			Feed deliveries in 2014		
	U.S.-origin	Foreign-origin	Total	U.S.-origin	Foreign-origin	Total	U.S.-origin	Foreign-origin	Total
China	0	W	W	0	W	W	W	W	W
France	0	4,578	4,578	0	1,606	1,606	0	3,055	3,055
Germany	W	W	1,904	W	W	W	W	W	2,140
Netherlands	W	W	2,674	1,058	2,773	3,831	0	3,115	3,115
Russia	W	W	3,794	W	W	2,333	0	W	W
United Kingdom	W	W	3,930	438	4,097	4,535	W	W	2,975
Europe <sup>1</sup>	W	W	W	W	W	4,374	W	W	6,750
<b>Foreign total</b>	<b>157</b>	<b>19,757</b>	<b>19,914</b>	<b>1,809</b>	<b>17,664</b>	<b>19,473</b>	<b>826</b>	<b>21,248</b>	<b>22,074</b>
United States	3,908	28,282	32,190	2,600	25,345	27,945	1,893	17,961	19,854
<b>Total</b>	<b>4,065</b>	<b>48,039</b>	<b>52,104</b>	<b>4,409</b>	<b>43,009</b>	<b>47,418</b>	<b>2,719</b>	<b>39,209</b>	<b>41,928</b>

W = Data withheld to avoid disclosure of individual company data.

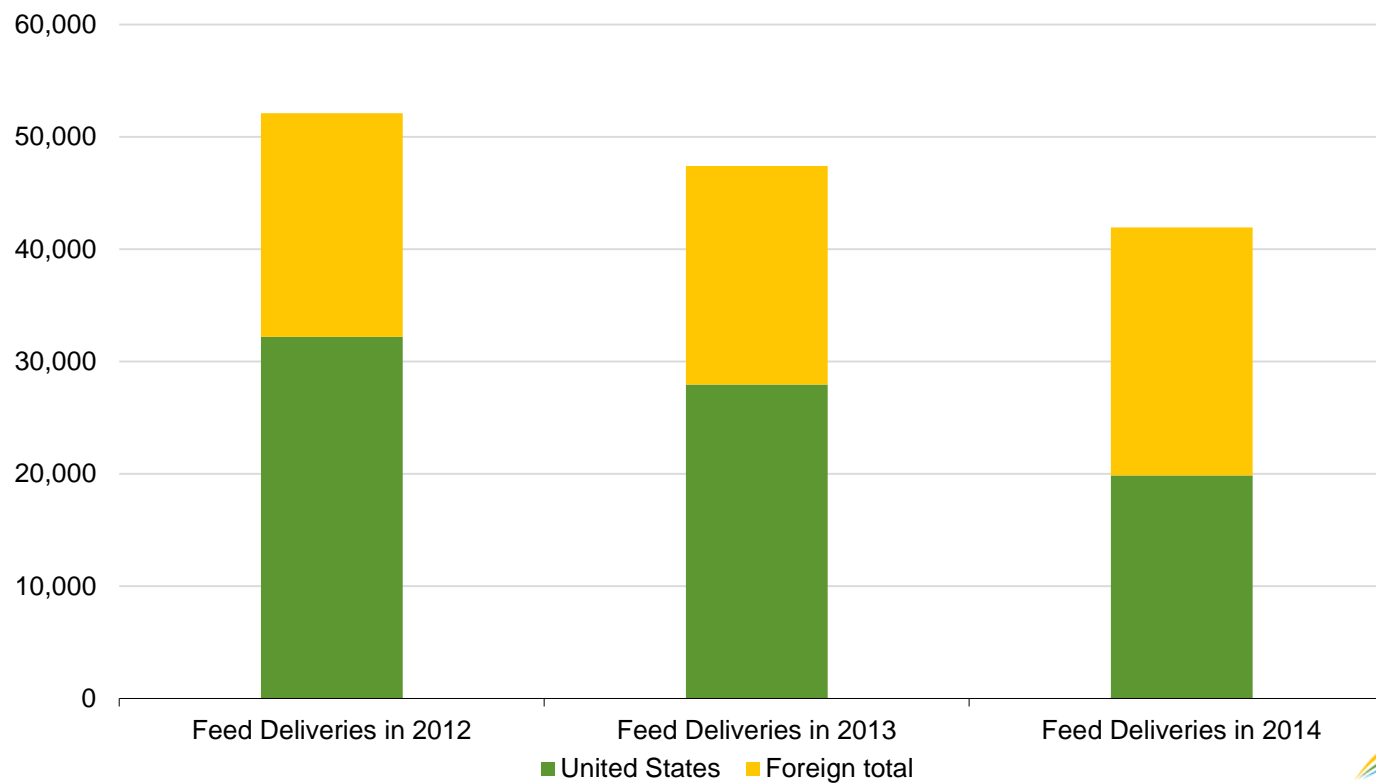
<sup>1</sup> Specific country in Europe was not reported.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Figure 12. Deliveries of uranium feed for U.S. and foreign enrichment by owners and operators of U.S. civilian nuclear power reactors by delivery year, 2012-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).





**Table 14. Deliveries of uranium feed for enrichment by owners and operators of U.S. civilian nuclear power reactors by origin country and delivery year, 2012-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Origin country of feed	Deliveries in 2012			Deliveries in 2013			Deliveries in 2014		
	U.S. enrichment	Foreign enrichment	Total	U.S. enrichment	Foreign enrichment	Total	U.S. enrichment	Foreign enrichment	Total
Australia	3,195	3,352	6,547	2,417	2,476	4,893	910	4,467	5,377
Brazil	0	0	0	0	W	W	0	W	W
Canada	6,741	5,007	11,748	4,889	4,673	9,562	5,424	4,315	9,738
China	0	W	W	0	W	W	0	W	W
Czech Republic	W	0	W	0	0	0	0	0	0
Kazakhstan	2,968	2,858	5,825	1,366	1,941	3,307	W	W	3,868
Malawi	0	0	0	W	W	W	W	W	745
Namibia	1,733	1,440	3,173	1,260	1,882	3,142	1,143	1,798	2,941
Niger	W	W	1,140	W	W	518	W	W	1,322
Portugal	0	0	0	0	W	W	0	0	0
Russia	12,154	3,427	15,581	14,797	3,423	18,220	8,313	4,174	12,486
South Africa	W	W	1,325	W	W	211	109	322	431
Ukraine	W	W	W	0	0	0	0	W	W
United Kingdom	0	0	0	0	0	0	W	0	W
Uzbekistan	650	1,080	1,731	422	585	1,007	W	W	823
<b>Foreign total</b>	<b>28,282</b>	<b>19,757</b>	<b>48,039</b>	<b>25,345</b>	<b>17,664</b>	<b>43,009</b>	<b>17,961</b>	<b>21,248</b>	<b>39,209</b>
United States	3,908	157	4,065	2,600	1,809	4,409	1,893	826	2,719
<b>Total</b>	<b>32,190</b>	<b>19,914</b>	<b>52,104</b>	<b>27,945</b>	<b>19,473</b>	<b>47,418</b>	<b>19,854</b>	<b>22,074</b>	<b>41,928</b>

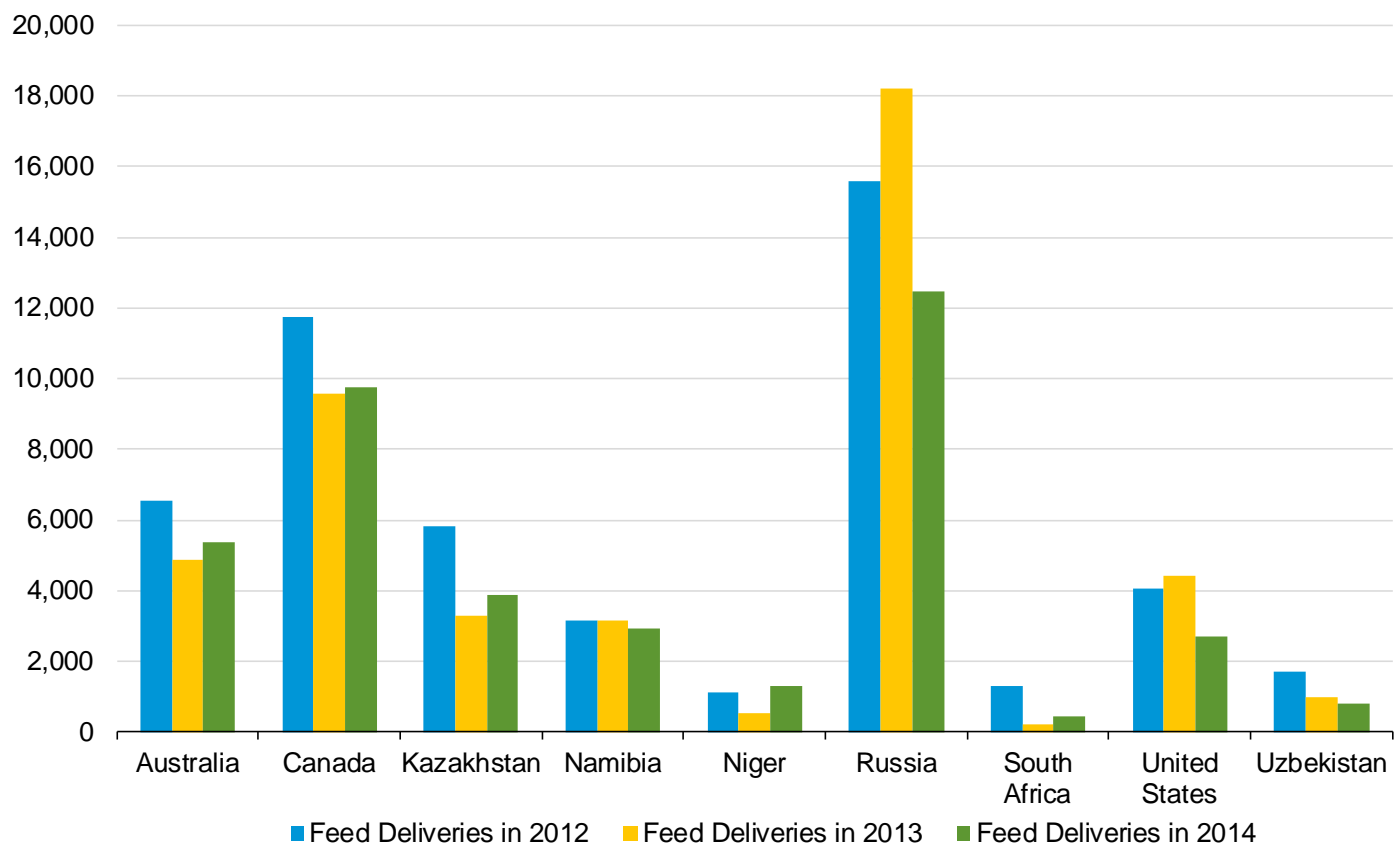
W = Data withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Figure 13. Deliveries of uranium feed for enrichment by owners and operators of U.S. civilian nuclear power reactors by selected origin country of feed and delivery year, 2012-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Table 15. Shipments of uranium feed by owners and operators of U.S. civilian nuclear power reactors to domestic and foreign enrichment suppliers, 2015-24**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Year of shipment	Amount of feed to be shipped		Change from 2013 to 2014	
	As of December 31, 2013	As of December 31, 2014	Annual	Cumulative
2015	45,498	48,206	2,708	2,708
2016	48,693	46,529	-2,164	544
2017	47,005	49,924	2,919	3,463
2018	52,138	51,169	-969	2,494
2019	50,041	46,184	-3,857	-1,363
2020	49,726	49,598	-128	-1,491
2021	50,455	51,793	1,338	-153
2022	49,320	50,286	966	813
2023	49,688	49,118	-570	243
2024	-	51,829	--	--

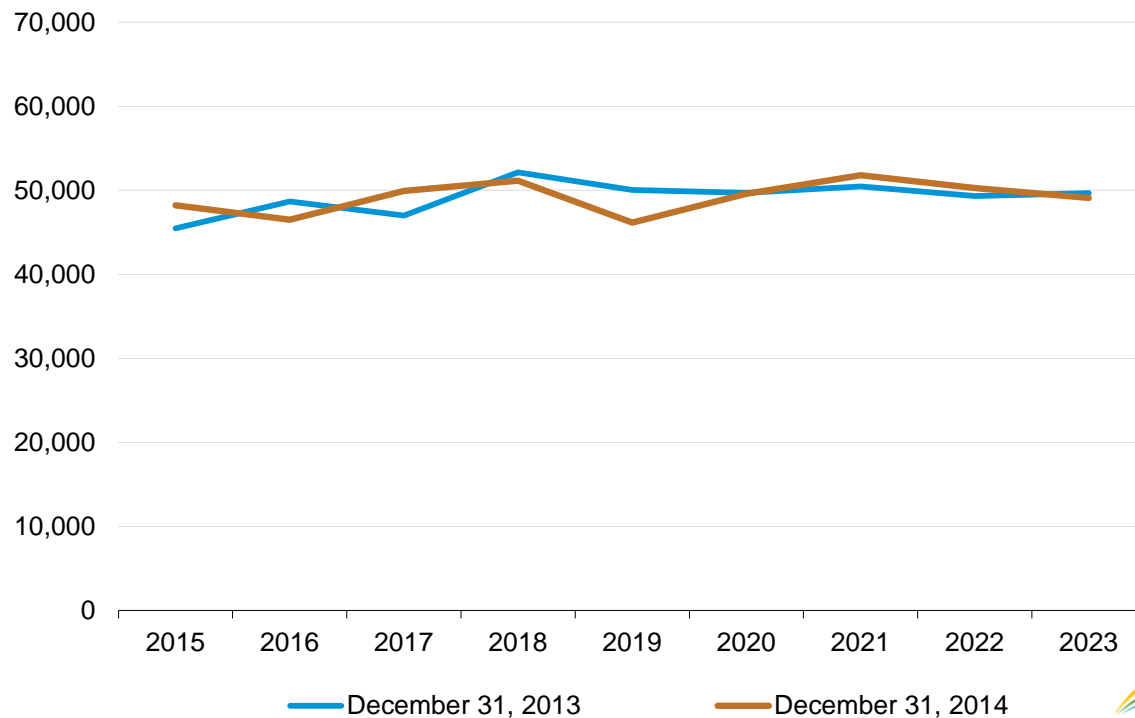
- = No data reported. -- = Not applicable.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).

**Figure 14. Shipments of uranium feed by owners and operators of U.S. civilian nuclear power reactors to domestic and foreign enrichment suppliers, 2015-23**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2013-14).



**Table 16. Purchases of enrichment services by owners and operators of U.S. civilian nuclear power reactors by origin country and year, 2010-14**

thousand separative work units (SWU)

Country of enrichment service (SWU-origin)	2010	2011	2012	2013	2014
China	0	W	W	W	636
France	W	W	0	0	0
Germany	681	1,539	1,075	753	1,005
Netherlands	2,292	1,506	1,496	2,112	1,801
Russia	5,055	5,308	6,560	2,491	3,083
United Kingdom	2,119	2,813	2,648	2,674	2,435
Europe <sup>1</sup>	W	670	W	0	W
Other <sup>2</sup>	W	0	W	W	W
<b>Foreign total</b>	<b>11,526</b>	<b>12,395</b>	<b>12,330</b>	<b>8,464</b>	<b>9,165</b>
United States	2,251	2,434	3,261	3,867	3,773
<b>Total</b>	<b>13,776</b>	<b>14,829</b>	<b>15,590</b>	<b>12,331</b>	<b>12,939</b>
<b>Average price (US\$ per SWU)</b>	<b>136.14</b>	<b>136.12</b>	<b>141.36</b>	<b>142.22</b>	<b>140.75</b>

W = Data withheld to avoid disclosure of individual company data.

<sup>1</sup> Specific country in Europe was not reported.

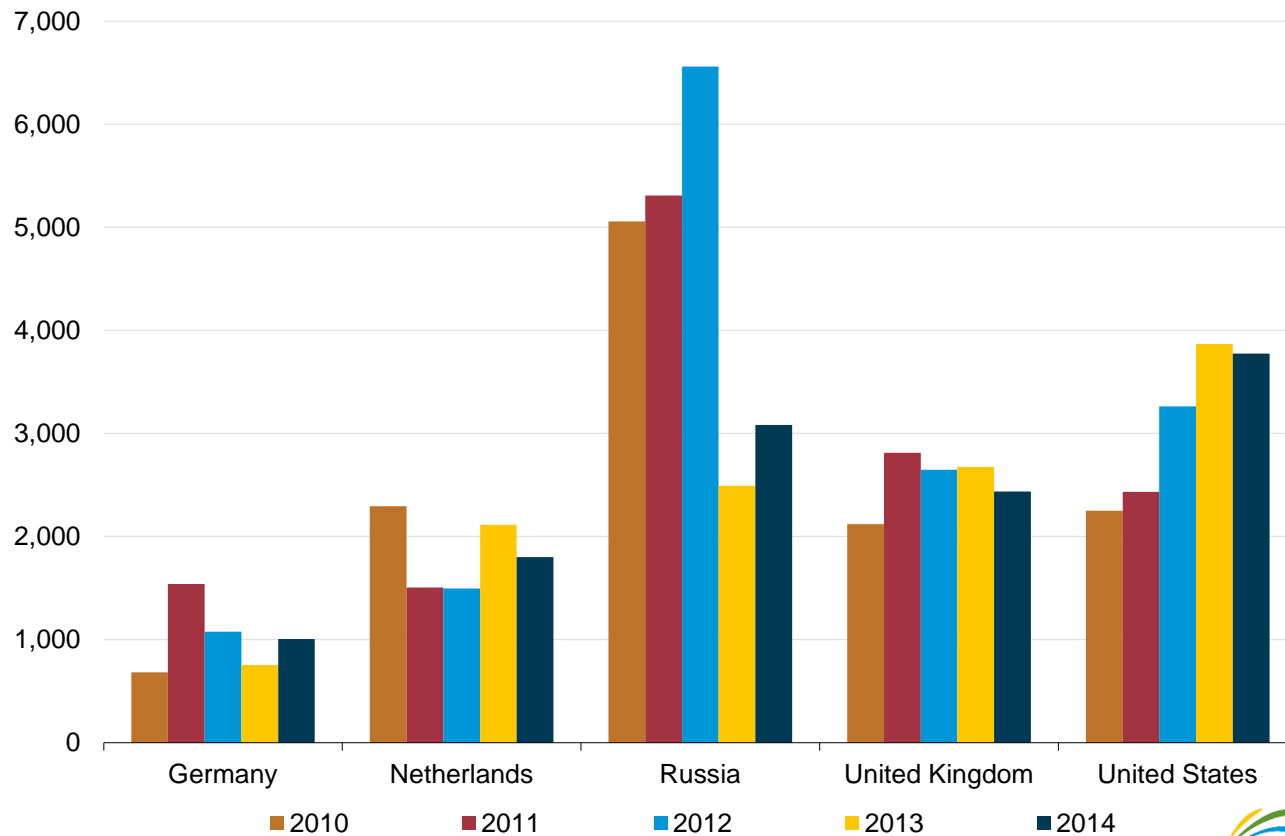
<sup>2</sup> Specific country was not reported.

Notes: Totals may not equal sum of components because of independent rounding. Average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 15. Purchases of enrichment services by owners and operators of U.S. civilian nuclear power reactors by selected origin country and year, 2010-14**

thousand separative work units (SWU)



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).



**Table 17. Purchases of enrichment services by owners and operators of U.S. civilian nuclear power reactors by contract type in delivery year, 2014**

thousand separative work units (SWU)

<b>Enrichment service contract type</b>	<b>U.S. enrichment</b>	<b>Foreign enrichment</b>	<b>Total</b>
Spot	W	W	628
Long-term	W	W	12,310
<b>Total</b>	<b>3,773</b>	<b>9,165</b>	<b>12,939</b>

W = Data withheld to avoid disclosure of individual company data.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2014).

**Table 18. Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors by year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

<b>Origin of uranium</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>P2014</b>
Domestic-origin uranium	4,119	4,134	4,825	3,643	3,202
Foreign-origin uranium	40,187	46,809	44,657	39,000	47,281
<b>Total</b>	<b>44,306</b>	<b>50,943</b>	<b>49,483</b>	<b>42,642</b>	<b>50,483</b>

P = Preliminary data. Final 2013 fuel assembly data reported in the 2014 survey.

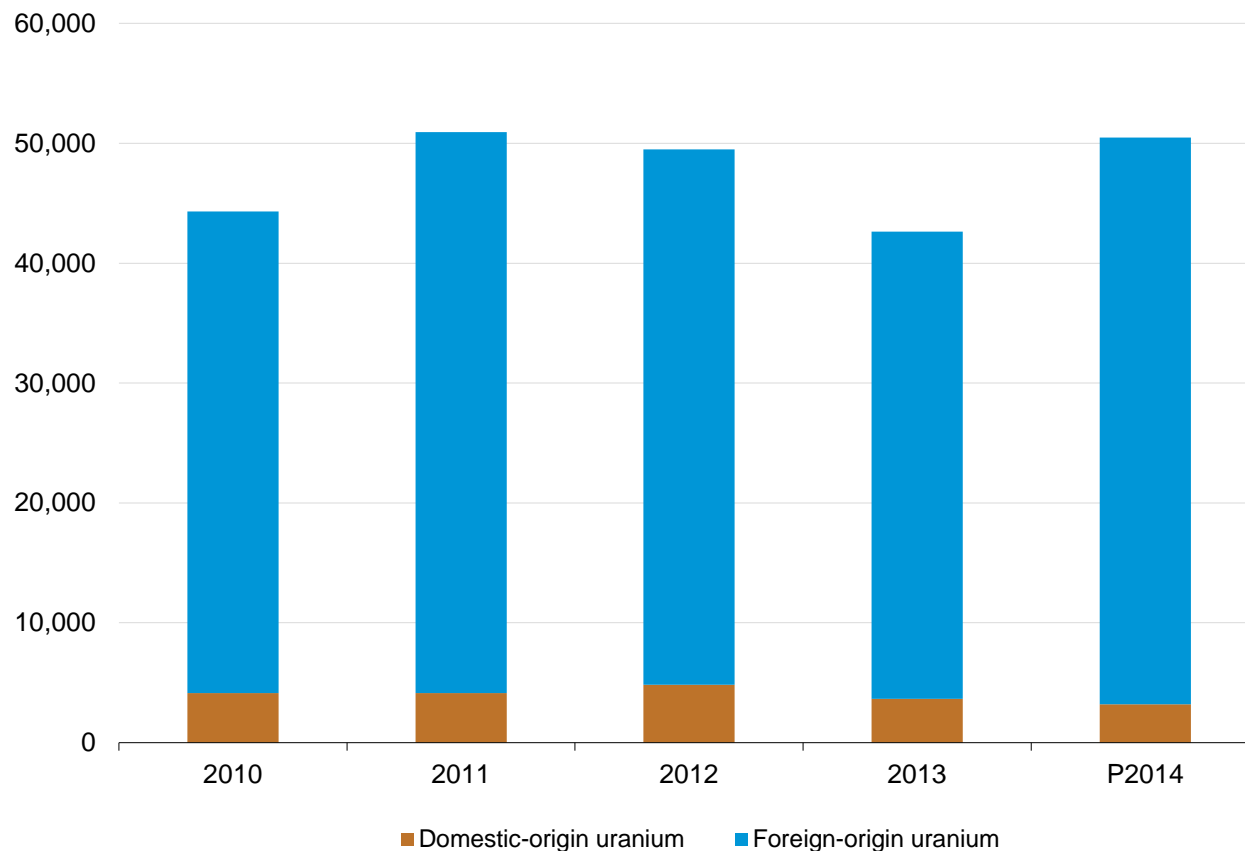
Notes: Includes only unirradiated uranium in new fuel assemblies loaded into reactors during the year. Does not include uranium removed from reactors that subsequently will be reloaded. Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).



**Figure 16. Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors by year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



P = Preliminary data. Final 2013 fuel assembly data reported in the 2014 survey.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).



**Table 19. Foreign purchases of uranium by U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors by delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

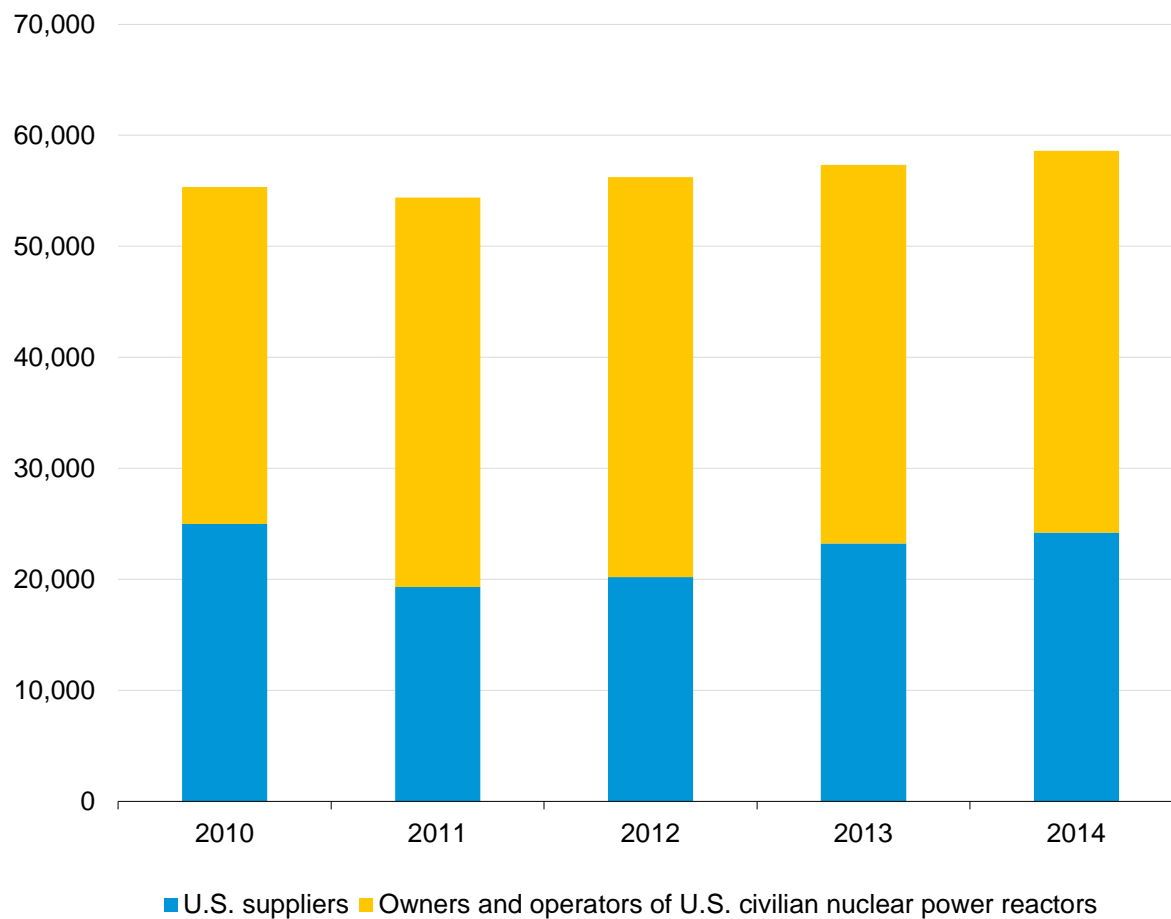
<b>Deliveries</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>U.S. suppliers</b>					
Foreign purchases	24,985	19,318	20,196	23,233	24,199
Weighted-average price	41.30	48.80	46.80	43.25	39.13
<b>Owners and operators of U.S. civilian nuclear power reactors</b>					
Foreign purchases	30,362	35,071	36,037	34,095	34,404
Weighted-average price	51.69	56.87	54.08	51.64	47.62
<b>Total</b>					
Foreign purchases	55,347	54,388	56,233	57,328	58,603
Weighted-average price	47.01	54.00	51.44	48.24	44.11

Notes: Totals may not equal sum of components because of independent rounding. Foreign Purchase: A uranium purchase of foreign-origin uranium from a firm located outside of the United States. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 17. Foreign purchases of uranium by U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors by delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Table 20. U.S. broker and trader purchases of uranium by origin, supplier, and delivery year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

<b>Deliveries</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Received U.S.-origin uranium					
Purchases	2,226	1,668	1,194	W	410
Weighted-average price	43.36	54.85	51.78	W	33.55
Received foreign-origin uranium					
Purchases	27,186	24,695	24,606	W	28,743
Weighted-average price	41.42	49.69	47.75	W	38.42
<b>Total received by U.S. brokers and traders</b>					
Purchases	<b>29,412</b>	<b>26,363</b>	<b>25,800</b>	<b>30,191</b>	<b>29,153</b>
Weighted-average price	<b>41.57</b>	<b>50.02</b>	<b>47.94</b>	<b>42.95</b>	<b>38.35</b>
Received from foreign suppliers					
Purchases	24,693	19,579	20,243	W	W
Weighted-average price	41.23	49.27	47.08	W	W

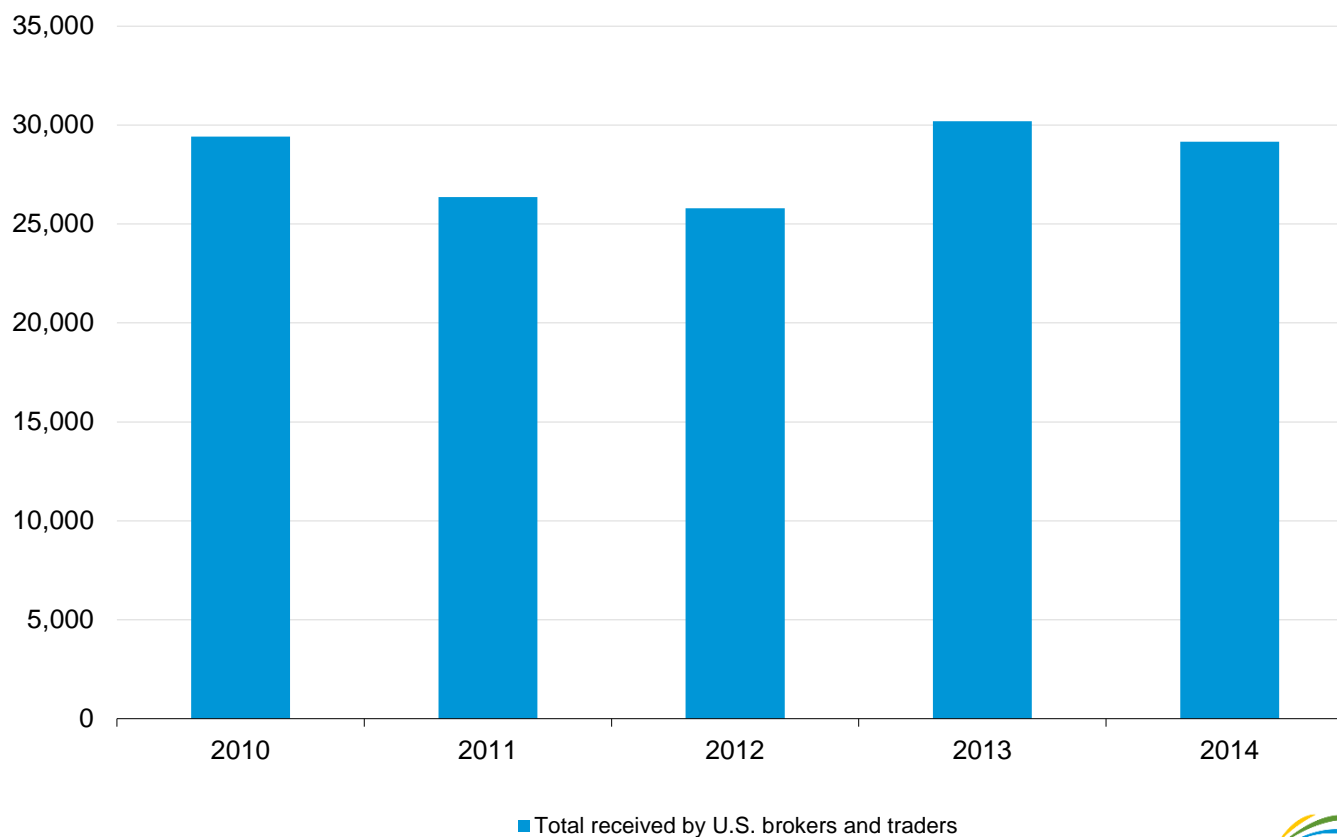
W = Data withheld to avoid disclosure of individual company data.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 18. U.S. broker and trader purchases of uranium by delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Table 21. Foreign sales of uranium from U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors by origin and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent; dollars per pound U<sub>3</sub>O<sub>8</sub> equivalent

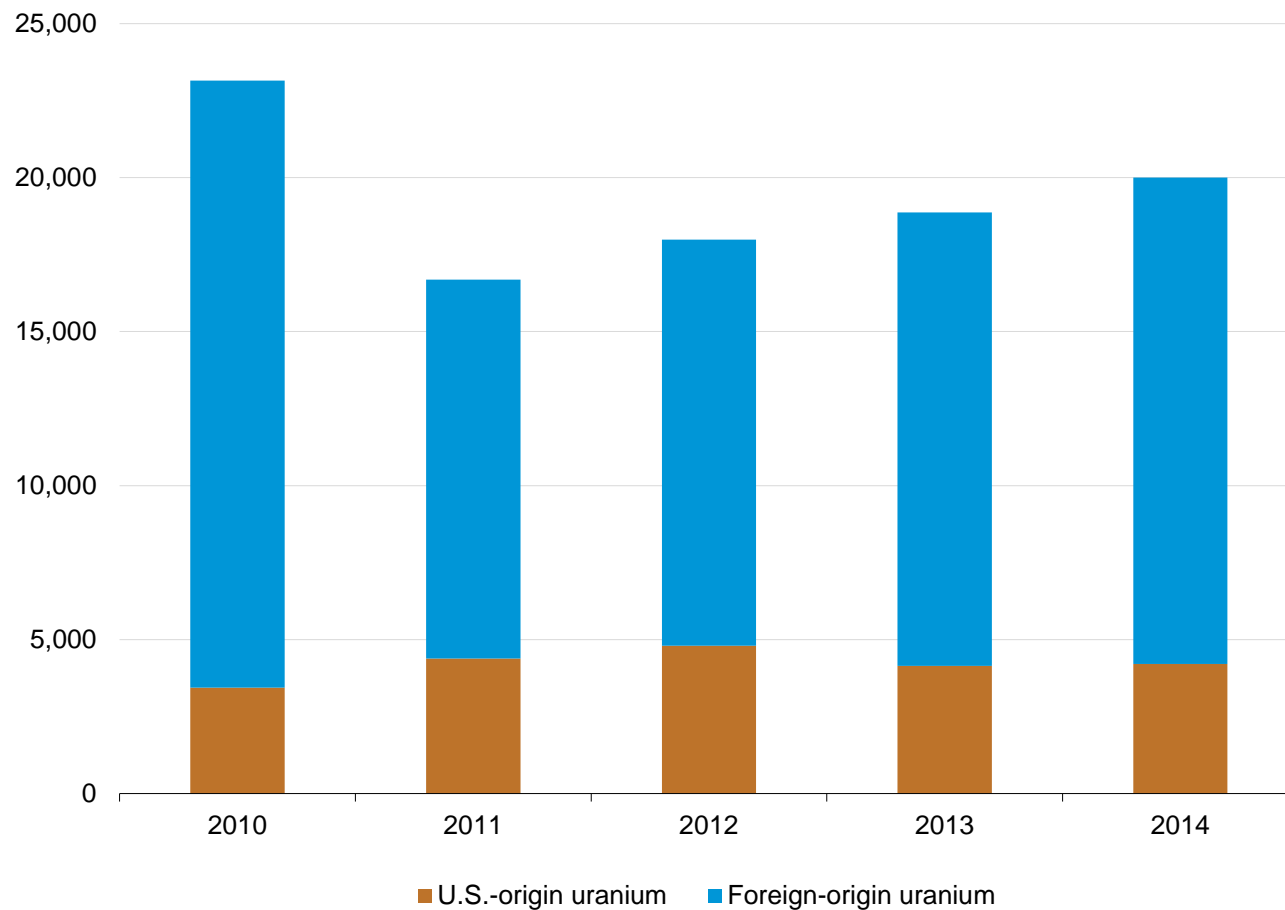
<b>Deliveries to foreign suppliers and utilities</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
U.S.-origin uranium					
Foreign sales	3,440	4,387	4,798	4,148	4,210
Weighted-average price	37.82	53.08	47.53	43.10	32.91
Foreign-origin uranium					
Foreign sales	19,708	12,297	13,185	14,717	15,794
Weighted-average price	43.66	47.61	47.58	42.66	36.43
<b>Total sent:</b>					
<b>Foreign sales</b>	<b>23,147</b>	<b>16,683</b>	<b>17,982</b>	<b>18,864</b>	<b>20,004</b>
<b>Weighted-average price</b>	<b>42.78</b>	<b>49.05</b>	<b>47.57</b>	<b>42.75</b>	<b>35.69</b>
From owners and operators of U.S. civilian nuclear power reactors, U.S. producers, and other U.S. suppliers					
Foreign sales	6,459	4,538	3,699	4,177	4,493
Weighted-average price	38.13	52.63	47.26	44.61	36.45
From U.S. brokers and traders					
Foreign sales	16,688	12,145	14,284	14,687	15,511
Weighted-average price	44.63	47.71	47.65	42.26	35.47

Notes: "Other U.S. Suppliers" are U.S. converters, enrichers, and fabricators. Totals may not equal sum of components because of independent rounding. Foreign sale: A uranium sale to a firm located outside the United States. Weighted-average prices are not adjusted for inflation.

Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Figure 19. Foreign sales of uranium from U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors by origin and delivery year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



Source: U.S. Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2010-14).

**Table 22. Inventories of natural and enriched uranium by material type as of end of year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Type of Uranium Inventory Owned by	Inventories at the end of the year				
	2010	2011	2012	2013	P2014
<b>Owners and operators of U.S. civilian nuclear power reactors inventories</b>	<b>86,527</b>	<b>89,835</b>	<b>97,647</b>	<b>113,077</b>	<b>116,047</b>
Uranium concentrate (U <sub>3</sub> O <sub>8</sub> )	13,076	14,718	15,963	18,131	20,501
Natural UF <sub>6</sub>	35,767	35,883	29,084	38,332	40,972
Enriched UF <sub>6</sub>	25,392	19,596	38,428	40,841	44,605
Fabricated fuel (not inserted into a reactor)	12,292	19,638	14,173	15,773	9,969
<b>U.S. supplier inventories</b>	<b>24,732</b>	<b>22,269</b>	<b>23,289</b>	<b>21,342</b>	<b>18,564</b>
Uranium concentrate (U <sub>3</sub> O <sub>8</sub> )	10,153	7,057	W	7,658	6,170
Natural UF <sub>6</sub>	W	W	W	W	W
Enriched UF <sub>6</sub>	W	W	W	W	W
Fabricated fuel (not inserted into a reactor)	0	0	0	0	0
<b>Total Commercial Inventories</b>	<b>111,259</b>	<b>112,104</b>	<b>120,936</b>	<b>134,418</b>	<b>134,611</b>

P = Preliminary data. Final 2013 inventory data reported in the 2014 survey.

W = Data withheld to avoid disclosure of individual company data.

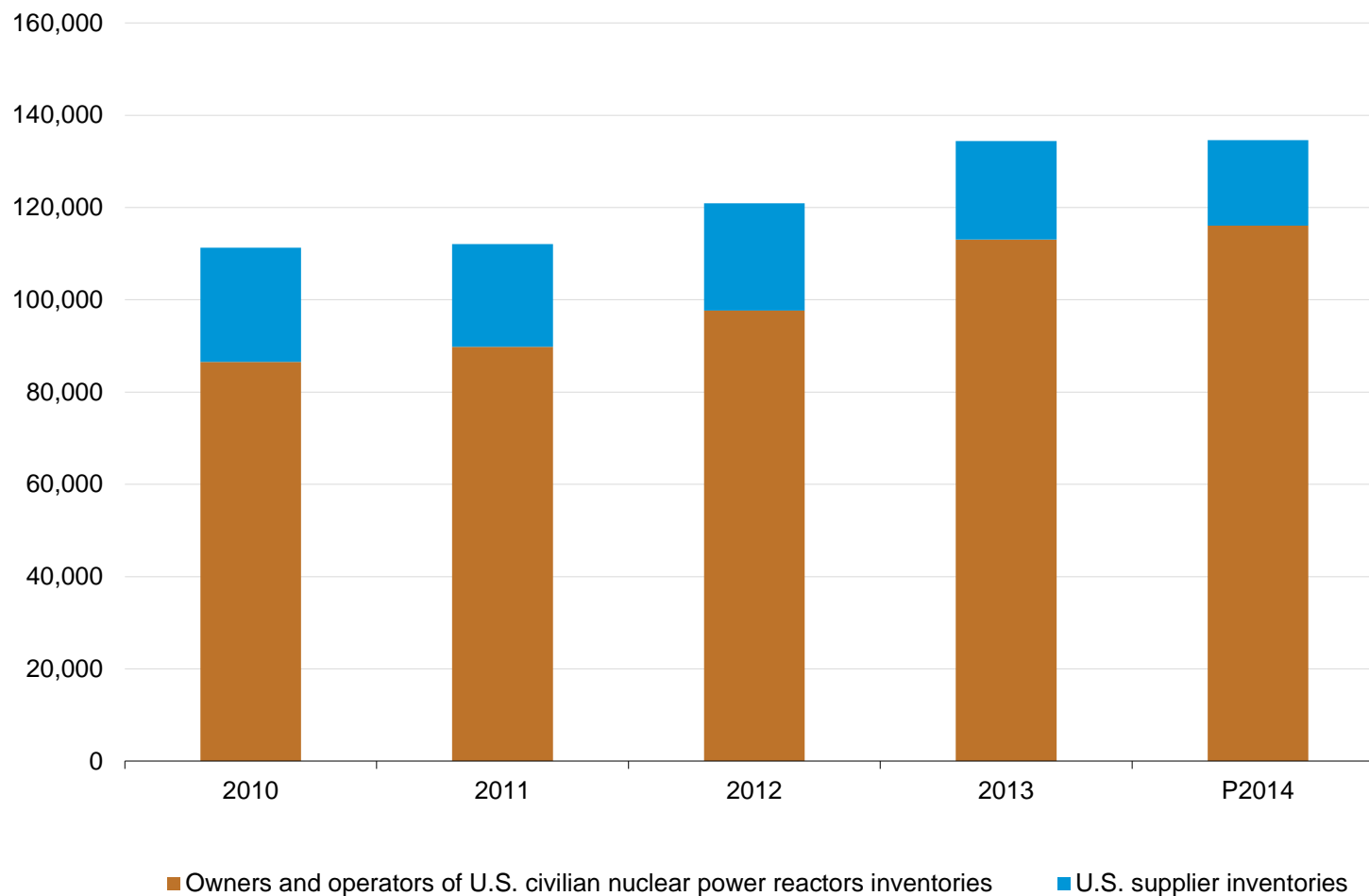
Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).



**Figure 20. Commercial inventories of natural and enriched uranium as of end of year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



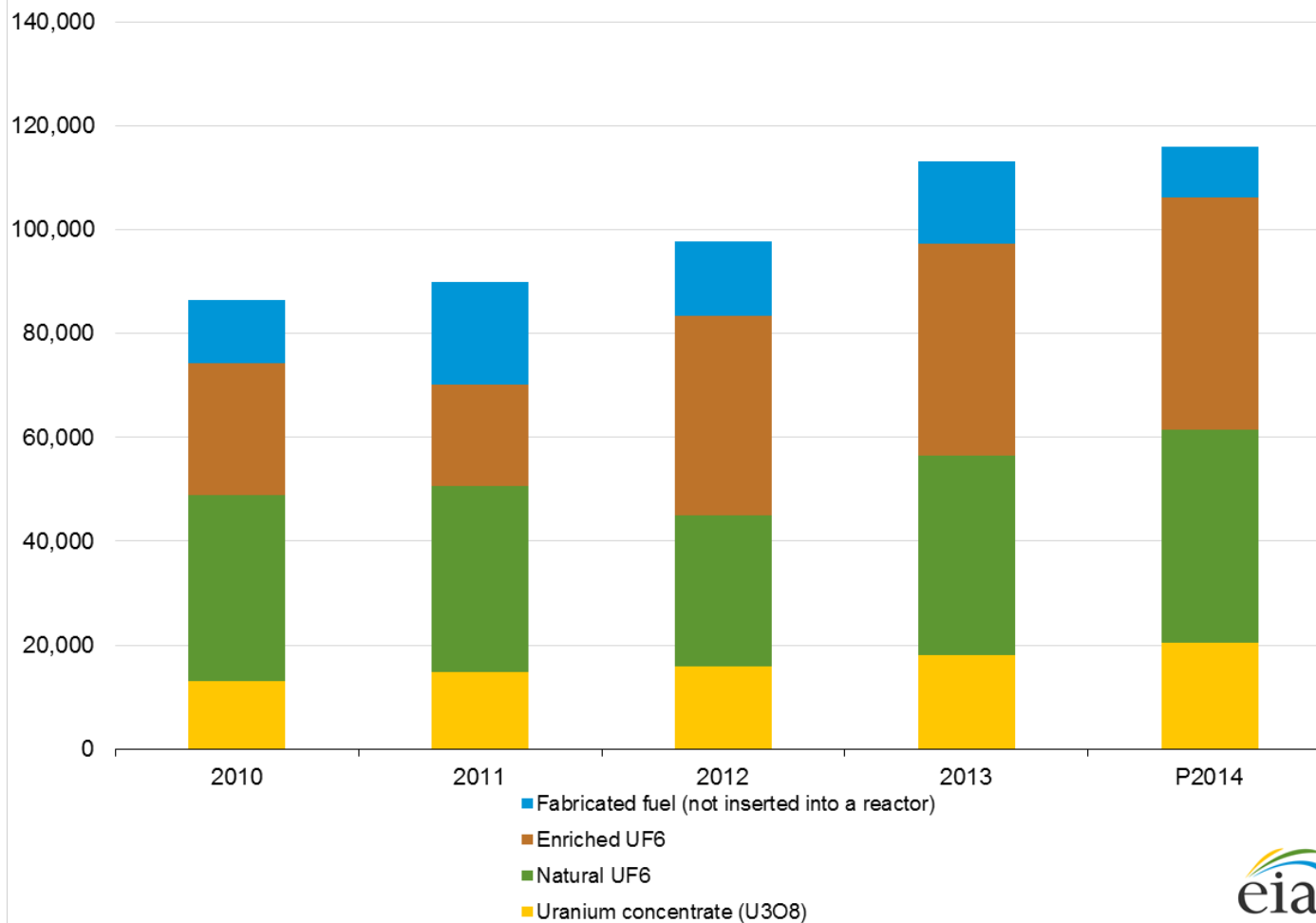
P = Preliminary data. Final 2013 inventory data reported in the 2014 survey.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).



**Figure 21. Owners and operators of U.S. civilian nuclear power reactors inventories by material type as of end of year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



P = Preliminary data. Final 2013 inventory data reported in the 2014 survey.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).



**Table 23. Inventories of uranium by owner as of end of year, 2010-14**thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent

Owner of uranium inventory	Inventories at the End of Year				
	2010	2011	2012	2013	P2014
Owners and operators of U.S. civilian nuclear power reactors	86,527	89,835	97,647	113,007	116,047
U.S. brokers and traders	11,125	6,841	5,677	7,926	5,798
U.S. converter, enrichers, fabricators, and producers	13,608	15,428	17,611	13,416	12,766
<b>Total commercial inventories</b>	<b>111,259</b>	<b>112,104</b>	<b>120,936</b>	<b>134,418</b>	<b>134,611</b>

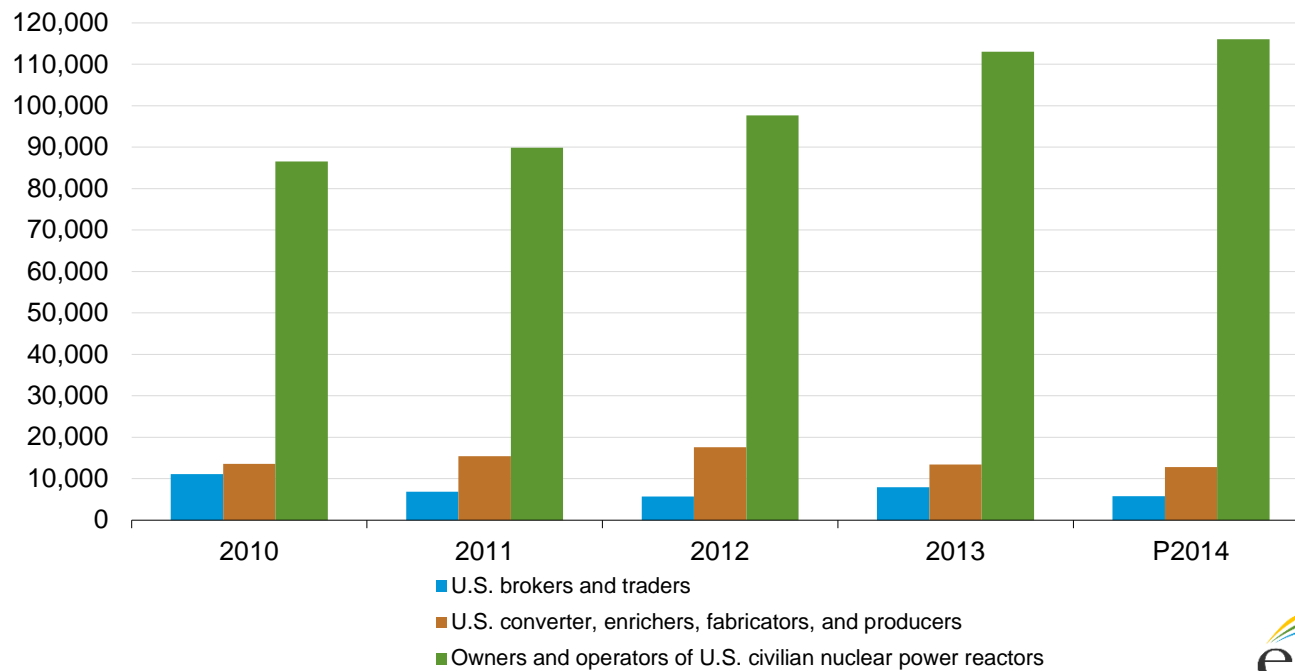
P = Preliminary data. Final 2013 inventory data reported in the 2014 survey.

Note: Totals may not equal sum of components because of independent rounding.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).

**Figure 22. Commercial inventories of uranium by owner as of end of year, 2010-14**

thousand pounds U<sub>3</sub>O<sub>8</sub> equivalent



P=Preliminary data. Final 2013 inventory data reported in the 2014 survey.

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2011-14).

Table 24. Uranium sellers to owners and operators of U.S. civilian nuclear power reactors, 2012-14

2012	2013	2014
Advance Uranium Asset Management Ltd. (was Uranium Asset Management)	American Fuel Resources, LLC	Advance Uranium Asset Management Ltd.
American Fuel Resources, LLC	AREVA NC, Inc.	AREVA / AREVA NC, Inc.
AREVA NC, Inc.	BHP Billiton Olympic Dam Corporation Pty Ltd	ARMZ (AtomRedMetZoloto)
BHP Billiton Olympic Dam Corporation Pty Ltd	CAMECO	BHP Billiton Olympic Dam Corporation Pty Ltd
CAMECO	ConverDyn	CAMECO
ConverDyn	Deutsche Bank	Deutsche Bank
Energy Fuels Resources	Energy Fuels Resources	Energy Fuels Resources
Energy Resources of Australia Ltd.	Energy Resources of Australia Ltd.	Energy Resources of Australia Ltd.
Energy USA, Inc.	Energy USA, Inc.	Energy USA, Inc.
GNSS (Globe Nuclear Services and Supply Ltd.)	Itochu Corporation / Itochu International	Itochu Corporation / Itochu International
INTERNEXCO GmbH	J. Aron & Company	J. Aron & Company
Itochu Corporation / Itochu International	Kazatomprom	Kazatomprom
J. Aron & Company	Langer Heinrich Uranium Ltd (Paladin Energy)	Langer Heinrich Uranium Ltd (Paladin Energy)
Kazatomprom	Louisiana Energy Services LLC	Mestena Uranium LLC
Langer Heinrich Uranium Ltd (Paladin Energy)	Mestena Uranium LLC	MTM Trading, LLC
Mestena Uranium LLC	MTM Trading, LLC	Nufcor International Limited
MTM Trading, LLC	Nufcor International Limited	NUKEM, Inc.
Nufcor International Limited	NUKEM, Inc.	NYNCO Trading, Ltd.
NUKEM, Inc.	NYNCO Trading, Ltd.	Paladin Resources Limited / Paladin Energy
Paladin Resources Limited / Paladin Energy	Paladin Resources Limited / Paladin Energy	PPL Energy Plus LLC
Rio Tinto Uranium Limited	Rossing Uranium Limited	Rio Tinto Uranium Limited
Rossing Uranium Limited	SOPAMIN (Société de Patrimoine des Mines du Niger "Heritage Society of Mines in Niger")	Rossing Uranium Limited
SOPAMIN (Société de Patrimoine des Mines du Niger "Heritage Society of Mines in Niger")	TENAM Corporation	SOPAMIN (Société de Patrimoine des Mines du Niger "Heritage Society of Mines in Niger")
Southern Cross Resources Australia Pty. Ltd.	TENEX (Techsnabexport)	TENAM Corporation
TENEX (Techsnabexport)	Traxys North America, LLC	TENEX (Techsnabexport)
Traxys North America, LLC	UG U.S.A., Inc.	Traxys North America, LLC
UG U.S.A., Inc.	Uranium One	UG U.S.A., Inc.
Uranium One / Uranium One Africa Limited	UrAsia Energy Ltd.	Uranerz Energy Corporation
UrAsia Energy Ltd.	URENCO, Inc.	Uranium One
URENCO, Inc.	URENCO USA (LES)	UrAsia Energy Ltd.
USEC, Inc. (United States Enrichment Corporation)	Ur-Energy / Ur-Energy USA Inc	URENCO, Inc.
Westinghouse Electric Company, LLC	USEC, Inc. (United States Enrichment Corporation)	Ur-Energy / Ur-Energy USA Inc
	Westinghouse Electric Company, LLC	USEC, Inc. (United States Enrichment Corporation)
		Westinghouse Electric Company, LLC

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).

**Table 25. Enrichment service sellers to owners and operators of U.S. civilian nuclear power reactors, 2012-14**

<b>2012</b>	<b>2013</b>	<b>2014</b>
Advance Uranium Asset Management Ltd.	AREVA NC, Inc.	AREVA Enrichment Services, LLC / AREVA NC, Inc.
AREVA NC, Inc.	CNEIC (China Nuclear Energy Industry Corporation)	CNEIC (China Nuclear Energy Industry Corporation)
CNEIC (China Nuclear Energy Industry Corporation)	LES, LLC (Louisiana Energy Services)	LES, LLC (Louisiana Energy Services)
LES, LLC (Louisiana Energy Services)	NUKEM, Inc.	NYNCO Trading, LTD
NextEra Energy Seabrook	NYNCO Trading, LTD	TENAM Corporation
NUKEM, Inc.	TENAM Corporation	TENEX (Techsnabexport Joint Stock Company)
TENEX (Techsnabexport Joint Stock Company)	TENEX (Techsnabexport Joint Stock Company)	UG U.S.A., Inc.
UG U.S.A., Inc.	URENCO, Inc.	URENCO, Inc.
URENCO, Inc.	URENCO USA, Inc.	URENCO USA, Inc.
URENCO USA, Inc.	USEC, Inc. (United States Enrichment Corporation)	USEC, Inc. (United States Enrichment Corporation)
USEC, Inc. (United States Enrichment Corporation)		Westinghouse Electric Company, LLC

Source: U.S. Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2012-14).