

# 2007 Uranium Marketing Annual Report

## Uranium Purchases and Prices

Owners and operators of U.S. civilian nuclear power reactors purchased a total of 51 million pounds  $U_3O_8e$  (uranium oxide equivalent) of deliveries from U.S. government, U.S. suppliers and foreign suppliers during 2007, at a weighted-average price of \$32.78 per pound  $U_3O_8e$ . The 2007 total of 51 million pounds  $U_3O_8e$  decreased 23 percent compared with the 2006 total of 67 million pounds  $U_3O_8e$ . In the previous edition of this report, 2006 Uranium Marketing Annual Report (Table 12), the maximum anticipated requirements of owners and operators of U.S. civilian nuclear power reactors for 2007 were 51 million pounds, as of year-end 2006. The 2007 weighted-average price of \$32.78 per pound  $U_3O_8e$  increased 76 percent compared with the 2006 price of \$18.61 per pound  $U_3O_8e$ , as uranium prices rose significantly during 2007. Eight percent of the 51 million pounds  $U_3O_8e$  delivered in 2007 was U.S.-origin uranium at a weighted-average price of \$28.89 per pound  $U_3O_8e$ . Foreign-origin uranium accounted for the remaining 47 million pounds (92 percent) of deliveries at a weighted-average price of \$33.05 per pound  $U_3O_8e$ . Owners and operators of U.S. civilian nuclear power reactors purchased uranium for 2007 deliveries from the U.S. government and 24 sellers, 3 more than the 21 sellers in 2006. During 2007, 13 percent of the 51 million pounds  $U_3O_8e$  delivered in 2007 was purchased under spot contracts at a weighted-average price of \$88.25 per pound  $U_3O_8e$ . The remaining 87 percent were purchased under long-term contracts at a weighted-average price of \$24.45 per pound  $U_3O_8e$ . Spot contracts are a one-time delivery (usually) of the entire contract to occur within one year of contract execution (signed date). Long-term contracts include those with one or more deliveries a year following 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

Owners and operators of U.S. civilian nuclear power reactors signed 24 new purchase contracts, for deliveries in 2007, with 5 million pounds  $U_3O_8e$  of uranium delivered at a weighted-average price of \$96.57 per pound  $U_3O_8e$ , reflecting higher uranium prices. There were 23 new spot contracts signed in 2007 and 1 new long-term contract with 2007 deliveries. As of the end of 2007, the maximum uranium deliveries for 2008 through 2017 under existing purchase contracts for owners and operators of U.S. civilian nuclear power reactors totaled 230 million pounds  $U_3O_8e$ . Also as of the end of 2007, unfilled uranium requirements (not under contract) for 2008 through 2017 totaled 264 million pounds  $U_3O_8e$ . These contracted deliveries and unfilled requirements combined represent the maximum anticipated market requirements, and the 10-year total was 493 million pounds  $U_3O_8e$ . For 2008, the maximum anticipated requirements of owners and an operator of U.S. civilian nuclear power reactors is 43 million pounds  $U_3O_8e$ .

### **Uranium Feed, Enrichment Services, Fuel Assemblies Loaded**

In 2007, owners and operators of U.S. civilian nuclear power reactors delivered 49 million pounds  $U_3O_8e$  of natural uranium feed to U.S. and foreign enrichers. In addition, 14 million separative work units (SWU) were purchased under enrichment services contracts from 4 sellers in 2007, one less than the 5 sellers in 2006. The average price paid by the owners and operators of U.S. civilian nuclear power reactors for the 14 million SWU was \$114.58 per SWU, 8 percent increase compared with the 2006 average price of \$106.57 per SWU. In 2007, U.S.-origin SWU share was 10 percent and foreign-origin SWU accounted for the remaining 90 percent. Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors during 2007 contained 47 million pounds  $U_3O_8e$ , compared with 52 million pounds  $U_3O_8e$  loaded during 2006.

### **Uranium Foreign Purchases/Sales and Inventories**

U.S. suppliers (brokers, converters, enrichers, fabricators, producers, and traders) and owners and operators of U.S. civilian nuclear power reactors purchase uranium each year from foreign suppliers. Foreign purchases totaled 54 million pounds  $U_3O_8e$  in 2007, and the weighted-average price was \$34.18 per pound  $U_3O_8e$  (77 percent more than the 2006 price). Also, U.S. suppliers and owners and operators of U.S. civilian nuclear power reactors sold uranium to foreign suppliers. Foreign sales totaled 15 million pounds  $U_3O_8e$  in 2007, and the weighted-average price was \$55.47 per pound  $U_3O_8e$  (69 percent higher than the 2006 price). 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. Commercial uranium inventories owned at the end of the year by owners and operators of U.S. civilian nuclear power reactors in 2007 was 81 million pounds  $U_3O_8e$ , an increase of 4 percent from year-end 2006 and 25 percent from year-end 2005. Overall, U.S. commercial inventories (including inventories owned by U.S. brokers, converters, enrichers, fabricators, producers, and traders) totaled 112 million pounds  $U_3O_8e$  as of the end of 2007.

**Table S1a. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**  
(Million Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Delivery Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Purchased</b>	<b>38.3</b>	<b>43.4</b>	<b>47.3</b>	<b>42.0</b>	<b>42.7</b>	<b>47.9</b>	<b>51.8</b>	<b>55.4</b>	<b>52.7</b>	<b>56.6</b>	<b>64.1</b>	<b>65.7</b>	<b>66.5</b>	<b>51.0</b>
Purchased from U.S. Producers	5.4	5.3	5.8	5.7	6.5	5.2	3.6	2.3	1.5	0.6	0.0	W	0.0	0.0
Purchased from U.S. Brokers and Traders	15.3	16.2	13.3	9.9	10.5	10.4	9.1	11.7	13.4	10.5	13.2	10.4	13.9	9.8
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>	1.1	0.6	1.9	3.0	4.5	5.6	8.8	11.4	5.7	8.3	12.2	W	12.6	7.6
Purchased from Foreign Suppliers	16.5	21.4	26.4	23.4	21.3	26.8	30.4	30.0	32.2	37.2	38.7	39.4	40.0	33.5
<b>U.S.-Origin Uranium</b>	<b>7.7</b>	<b>5.2</b>	<b>8.3</b>	<b>8.1</b>	<b>7.2</b>	<b>11.4</b>	<b>13.3</b>	<b>13.2</b>	<b>6.2</b>	<b>10.2</b>	<b>12.3</b>	<b>11.0</b>	<b>10.8</b>	<b>4.0</b>
<b>Foreign-Origin Uranium</b>	<b>30.6</b>	<b>38.2</b>	<b>39.0</b>	<b>33.9</b>	<b>35.6</b>	<b>36.5</b>	<b>38.6</b>	<b>42.2</b>	<b>46.5</b>	<b>46.4</b>	<b>51.8</b>	<b>54.7</b>	<b>55.7</b>	<b>47.0</b>
<b>Spot Contracts<sup>2</sup></b>	<b>8.5</b>	<b>13.6</b>	<b>9.1</b>	<b>5.5</b>	<b>7.8</b>	<b>8.0</b>	<b>10.4</b>	<b>14.4</b>	<b>8.6</b>	<b>8.2</b>	<b>9.2</b>	<b>6.9</b>	<b>6.3</b>	<b>6.6</b>
<b>Short, Medium, and Long-Term Contracts<sup>3</sup></b>	<b>29.8</b>	<b>29.8</b>	<b>38.3</b>	<b>36.5</b>	<b>34.9</b>	<b>40.0</b>	<b>39.1</b>	<b>40.0</b>	<b>41.4</b>	<b>46.7</b>	<b>53.3</b>	<b>58.8</b>	<b>59.4</b>	<b>43.7</b>

**Table S1b. Weighted-Average Price of Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**  
(Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

Delivery Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total Purchased (Weighted-Average Price)</b>	<b>10.40</b>	<b>11.25</b>	<b>14.12</b>	<b>12.88</b>	<b>12.14</b>	<b>11.63</b>	<b>11.04</b>	<b>10.15</b>	<b>10.36</b>	<b>10.81</b>	<b>12.61</b>	<b>14.36</b>	<b>18.61</b>	<b>32.78</b>
Purchased from U.S. Producers	13.72	14.84	14.20	13.60	13.61	13.93	14.81	13.26	13.03	14.17	--	W	--	--
Purchased from U.S. Brokers and Traders	9.34	9.83	13.36	12.31	11.95	11.54	11.28	10.44	10.21	11.05	12.08	13.76	20.49	34.10
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>	8.04	12.52	14.98	W	W	W	10.45	9.98	W	10.16	11.30	W	W	W
Purchased from Foreign Suppliers	10.43	11.40	14.45	12.91	11.97	11.47	10.65	9.86	10.37	10.82	13.15	14.70	18.62	32.36
<b>U.S.-Origin Uranium (Weighted-Average Price)</b>	<b>12.08</b>	<b>14.20</b>	<b>14.62</b>	<b>13.36</b>	<b>13.37</b>	<b>12.24</b>	<b>11.52</b>	<b>10.50</b>	<b>10.89</b>	<b>10.81</b>	<b>11.87</b>	<b>15.11</b>	<b>17.85</b>	<b>28.89</b>
<b>Foreign-Origin Uranium (Weighted-Average Price)</b>	<b>9.97</b>	<b>10.84</b>	<b>14.02</b>	<b>12.78</b>	<b>11.90</b>	<b>11.47</b>	<b>10.88</b>	<b>10.05</b>	<b>10.29</b>	<b>10.81</b>	<b>12.76</b>	<b>14.21</b>	<b>18.75</b>	<b>33.05</b>
<b>Spot Contracts<sup>2</sup> (Weighted-Average Price)</b>	<b>9.01</b>	<b>10.30</b>	<b>14.22</b>	<b>11.61</b>	<b>10.56</b>	<b>9.52</b>	<b>8.54</b>	<b>7.92</b>	<b>9.29</b>	<b>10.10</b>	<b>14.77</b>	<b>20.04</b>	<b>39.48</b>	<b>88.25</b>
<b>Short, Medium, and Long-Term Contracts<sup>3</sup> (Weighted-Average Price)</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>11.70</b>	<b>10.96</b>	<b>10.58</b>	<b>10.94</b>	<b>12.24</b>	<b>13.70</b>	<b>16.38</b>	<b>24.45</b>

<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.

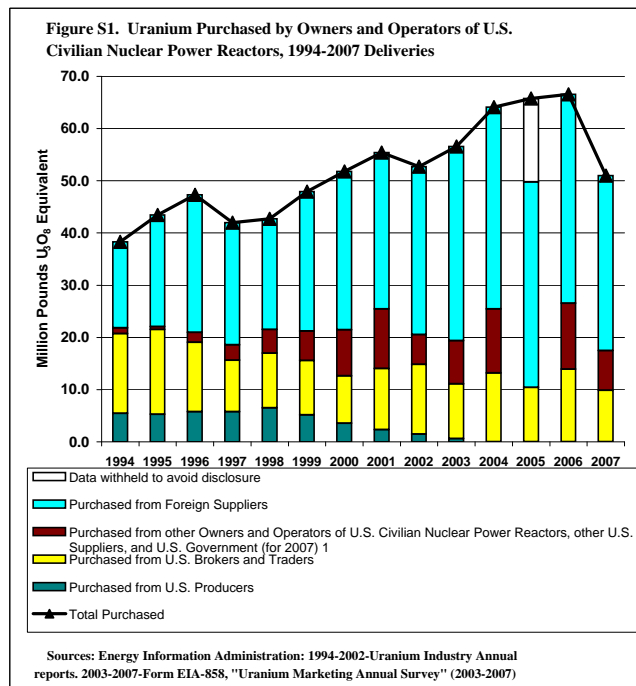
<sup>2</sup> Spot Contract: A one-time delivery (usually) of the entire contract to occur within one year of contract execution (signed date).

<sup>3</sup> Short, Medium, and Long-Term Contracts: One or more deliveries to occur after a year following contract execution (signed date).

-- = Not applicable. W = Data withheld to avoid disclosure. NA = Not available.

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 in nominal U.S. dollars.

Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 10, 11 and 16. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)



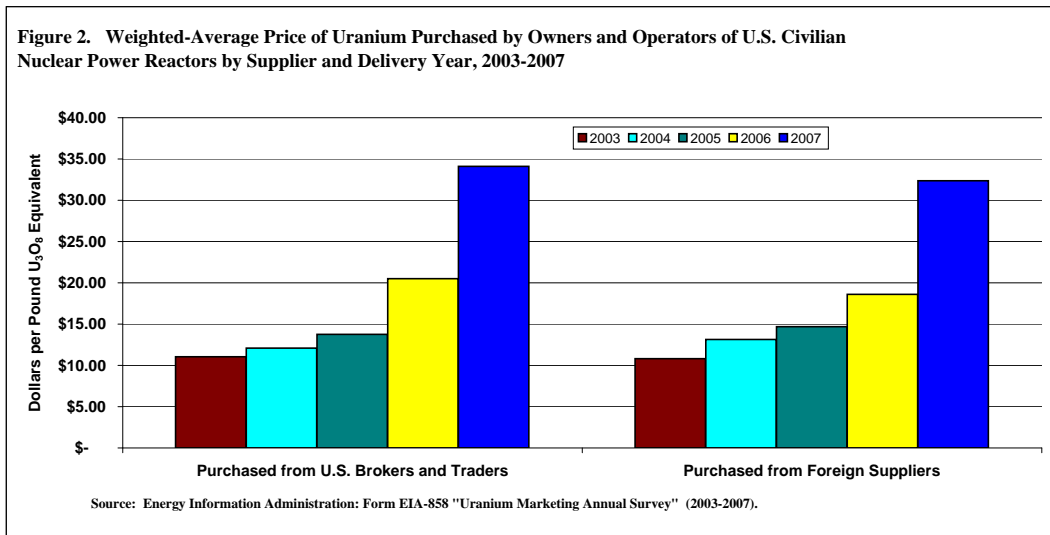
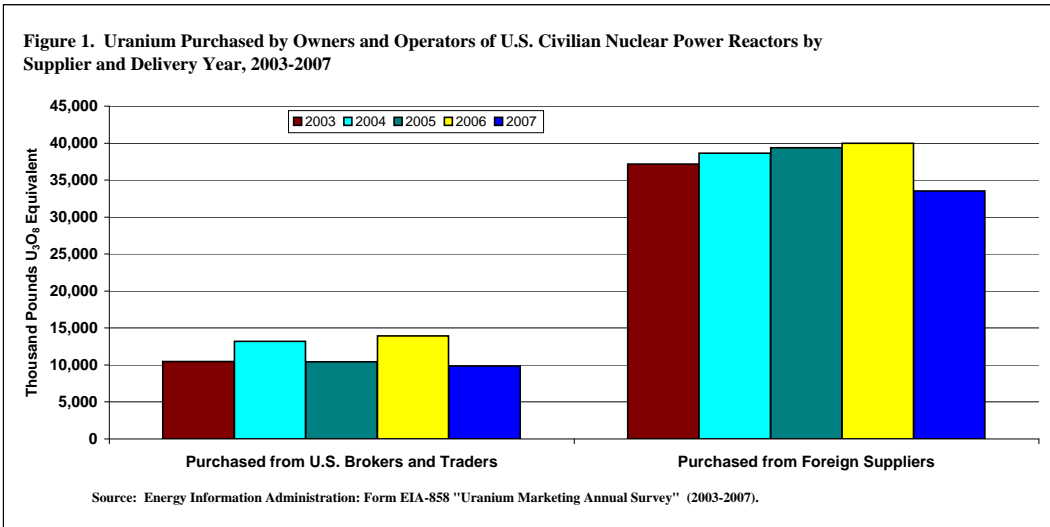
**Table 1. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Supplier and Delivery Year, 2003-2007**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

Deliveries	2003	2004	2005	2006	2007
<b>Purchased from U.S. Producers</b>					
Purchases of U.S.-Origin and Foreign-Origin Uranium	587	0	W	0	0
Weighted-Average Price	14.17	--	W	--	--
<b>Purchased from U.S. Brokers and Traders</b>					
Purchases of U.S.-Origin and Foreign-Origin Uranium	10,490	13,209	10,413	13,920	9,849
Weighted-Average Price	11.05	12.08	13.76	20.49	34.10
<b>Purchased from other Owners and Operators of U.S. Civilian Nuclear Power Reactors</b>					
Purchases	0	0	0	W	W
Weighted-Average Price	--	--	--	W	W
<b>Purchased from other U.S. Suppliers and U.S. Government (for 2007)</b>					
Purchases of U.S.-Origin and Foreign-Origin Uranium	8,311	12,233	W	W	W
Weighted-Average Price	10.16	11.30	W	W	W
<b>Purchased from Foreign Suppliers</b>					
Purchases of U.S.-Origin and Foreign-Origin Uranium	37,163	38,661	39,376	39,972	33,523
Weighted-Average Price	10.82	13.15	14.70	18.62	32.36
<b>Total Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors</b>					
Purchases of U.S.-Origin and Foreign-Origin Uranium	56,552	64,102	65,749	66,539	50,983
Weighted-Average Price	10.81	12.61	14.36	18.61	32.78

W = Data withheld to avoid disclosure. -- = 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 in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).



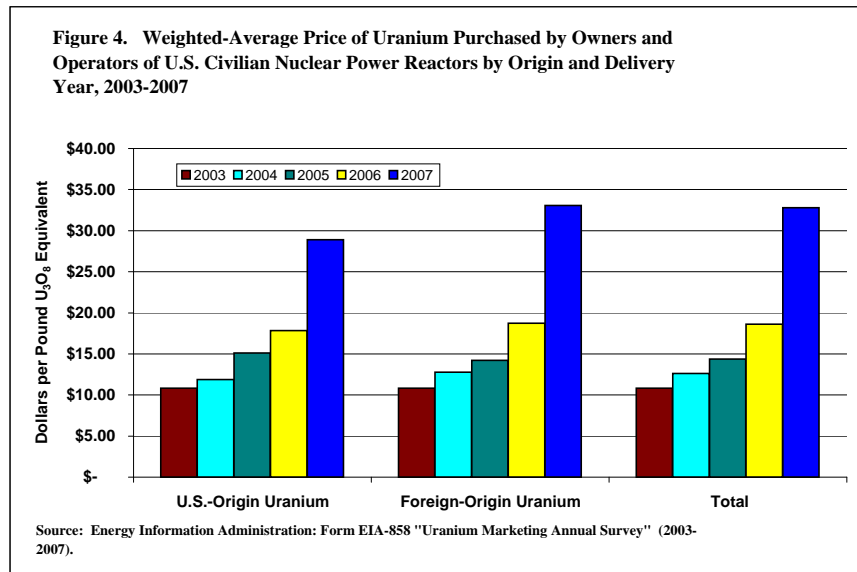
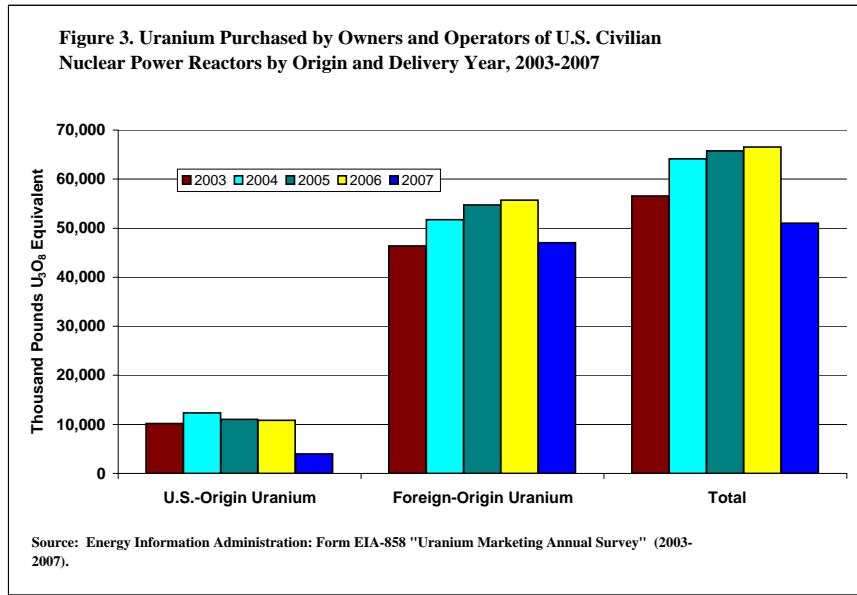
**Table 2. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Origin and Delivery Year, 2003-2007**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

Deliveries	2003	2004	2005	2006	2007
<b>U.S.-Origin Uranium</b>					
Purchases	10,200	12,342	11,007	10,807	3,973
Weighted-Average Price	10.81	11.87	15.11	17.85	28.89
<b>Foreign-Origin Uranium</b>					
Purchases	46,352	51,760	54,742	55,732	47,011
Weighted-Average Price	10.81	12.76	14.21	18.75	33.05
<b>Total</b>					
Purchases	<b>56,552</b>	<b>64,102</b>	<b>65,749</b>	<b>66,539</b>	<b>50,983</b>
Weighted-Average Price	<b>10.81</b>	<b>12.61</b>	<b>14.36</b>	<b>18.61</b>	<b>32.78</b>

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).



**Table 3. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Origin Country and Delivery Year, 2003-2007**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

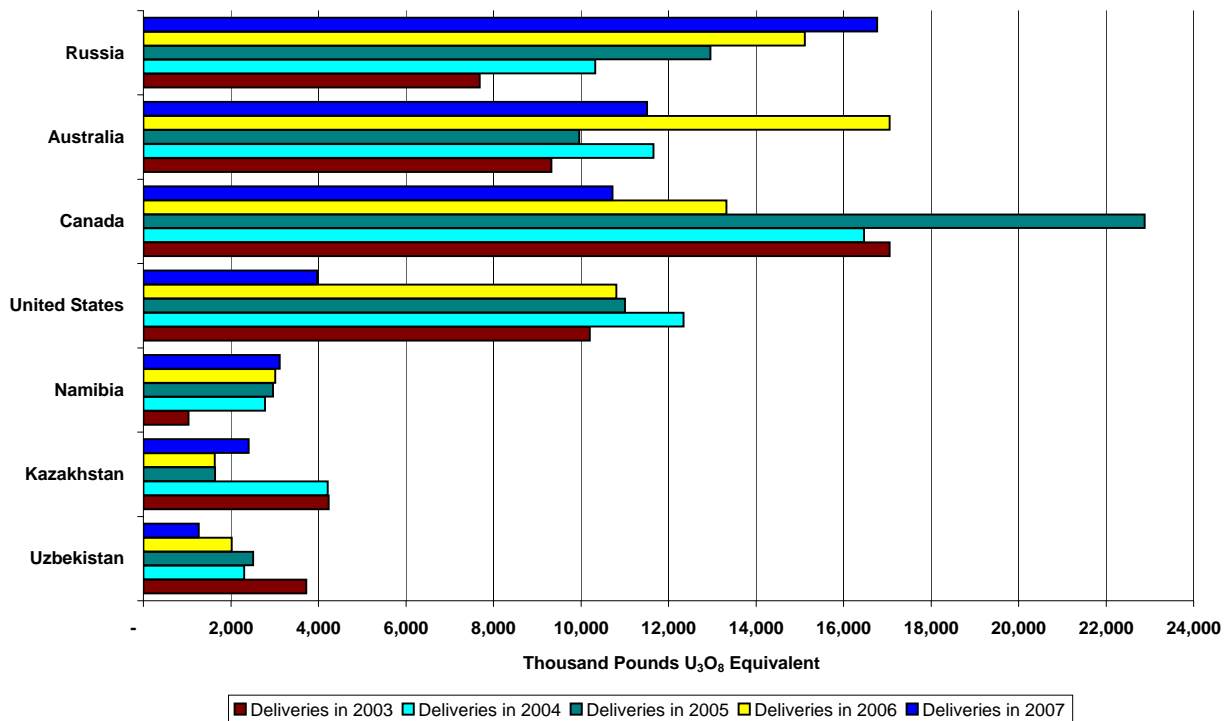
Origin Country	Deliveries in 2003		Deliveries in 2004		Deliveries in 2005		Deliveries in 2006		Deliveries in 2007	
	Purchases	Weighted-Average Price	Purchases	Weighted-Average Price	Purchases	Weighted-Average Price	Purchases	Weighted-Average Price	Purchases	Weighted-Average Price
Australia	9,326	10.87	11,660	13.38	9,957	15.60	17,052	21.23	11,507	30.35
Brazil	0	--	0	--	0	--	822	19.61	W	W
Canada	17,050	11.34	16,468	13.45	22,881	14.35	13,325	17.61	10,717	32.89
China	W	W	W	W	W	W	W	W	0	--
Czech Republic	W	W	W	W	0	--	W	W	347	77.02
Germany	0	--	0	--	W	W	0	--	0	--
Kazakhstan	4,232	9.69	4,211	10.18	1,639	14.32	1,628	25.74	2,407	57.36
Kyrgyzstan	W	W	0	--	0	--	0	--	W	W
Namibia	1,034	11.11	2,780	14.67	2,963	16.82	3,009	18.46	3,115	25.24
Niger	0	--	W	W	0	--	W	W	W	W
Portugal	W	W	0	--	0	--	0	--	0	--
Russia	7,689	10.18	10,329	12.10	12,959	12.92	15,116	16.34	16,766	32.04
South Africa	1,438	9.97	2,091	11.60	573	16.51	725	20.69	W	W
Tajikistan	0	--	0	--	W	W	0	--	0	--
Ukraine	W	W	W	W	0	--	W	W	W	W
United Kingdom	W	W	W	W	0	--	W	W	0	--
Uzbekistan	3,725	11.14	2,303	12.35	2,505	11.85	2,020	15.89	1,263	24.42
<b>Total Foreign</b>	<b>46,352</b>	<b>10.81</b>	<b>51,760</b>	<b>12.76</b>	<b>54,742</b>	<b>14.21</b>	<b>55,732</b>	<b>18.75</b>	<b>47,011</b>	<b>33.05</b>
United States	10,200	10.81	12,342	11.87	11,007	15.11	10,807	17.85	3,973	28.89
<b>Total Purchases</b>	<b>56,552</b>	<b>10.81</b>	<b>64,102</b>	<b>12.61</b>	<b>65,749</b>	<b>14.36</b>	<b>66,539</b>	<b>18.61</b>	<b>50,983</b>	<b>32.78</b>

W = Data withheld to avoid disclosure. -- = Not applicable.

Notes: Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars.

Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Figure 5. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Selected Country Origin and Delivery Year, 2003-2007**



Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

<b>Uranium Sellers to Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2006-2007</b>	
<b>2006</b>	<b>2007</b>
AREVA NC, Inc. (was COGEMA, Inc.)	AREVA NC, Inc. (was COGEMA, Inc.)
BHP Billiton	BHP Billiton
CAMECO	CAMECO
CNEIC (China Nuclear Energy Industry Corp.)	CJS National Atomic Company Kazatomprom
CJS National Atomic Company Kazatomprom	ConverDyn
ConverDyn	Energy Resources of Australia Ltd.
Energy Resources of Australia Ltd.	Energy USA, Inc.
Energy USA, Inc.	FPL Energy Point Beach, LLC
GNSS (Globe Nuclear Services and Supply Ltd.)	GNSS (Globe Nuclear Services and Supply Ltd.)
Heathgate Resources Pty. Ltd.	Heathgate Resources Pty. Ltd.
Itochu Corporation	INTERNEXCO GmbH
Nuclear Fuels Corporation of South Africa	Itochu Corporation
Nufcor International Limited	Nuclear Fuels Corporation of South Africa
Rossing Uranium Limited	Nufcor International Limited
RWE NUKEM, Inc.	Paladin Resources Limited
TENEX (Techsnabexport)	Rossing Uranium Limited
UG U.S.A., Inc.	RWE NUKEM, Inc.
UrAsia Energy Ltd.	SOPAMIN (Société de Patrimoine des Mines du Niger "Heritage Society of Mines in Niger")
USEC, Inc. (United States Enrichment Corporation)	TENEX (Techsnabexport)
WEPCO (Wisconsin Electric Power Co.)	UG U.S.A., Inc.
WMC (Olympic Dam Corporation) Pty Ltd.	UrAsia Energy Ltd.
	URENCO, Inc.
	USEC, Inc. (United States Enrichment Corporation)
	U.S. Government (U.S. Department of Energy)
	WMC (Olympic Dam Corporation) Pty Ltd.

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Table 4. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Origin and Material Type, 2007 Deliveries**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

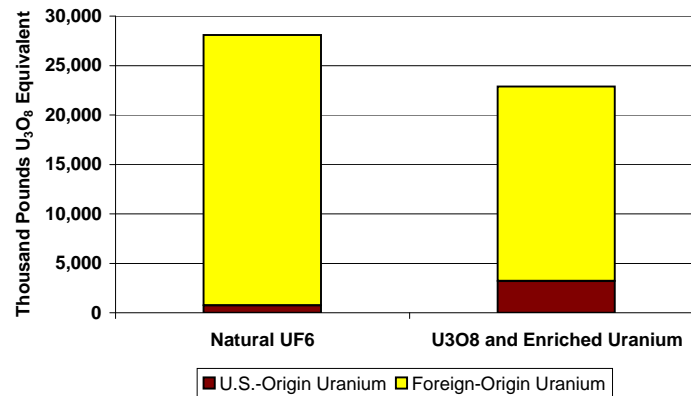
Deliveries	U <sub>3</sub> O <sub>8</sub>	Natural UF <sub>6</sub>	Enriched Uranium	Total
<b>U.S.-Origin Uranium</b>				
Purchases	W	759	W	3,973
Weighted-Average Price	W	40.75	W	28.89
<b>Foreign-Origin Uranium</b>				
Purchases	W	27,334	W	47,011
Weighted-Average Price	W	36.87	W	33.05
<b>Total</b>				
Purchases	W	<b>28,093</b>	W	<b>50,983</b>
Weighted-Average Price	W	<b>36.98</b>	W	<b>32.78</b>

W = Data withheld to avoid disclosure.

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars. Natural UF<sub>6</sub> is uranium hexafluoride. The natural UF<sub>6</sub> and enriched uranium 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 uranium. The natural UF<sub>6</sub> and enriched uranium 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 uranium, and does not include the conversion service and enrichment service components.

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

**Figure 6. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Material Type, 2007 Deliveries**



**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2007)



**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, 2006-2007**  
(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	
	2006	2007	2006	2007	2006	2007
<b>Contract-Specified (Fixed and Base-Escalated) Pricing</b>						
Weighted-Average Price	18.24	30.44	18.12	19.93	18.18	25.19
Quantity with Reported Price	19,821	14,093	21,344	14,049	41,164	28,142
<b>Spot-Market Pricing</b>						
Weighted-Average Price	18.80	44.93	17.82	52.67	18.04	50.89
Quantity with Reported Price	2,134	2,371	7,390	7,951	9,523	10,322
<b>Other Pricing</b>						
Weighted-Average Price	19.63	40.71	20.44	34.30	20.17	35.00
Quantity with Reported Price	5,106	1,304	9,933	10,517	15,039	11,821
<b>All Pricing Mechanisms</b>						
<b>Weighted-Average Price</b>	<b>18.54</b>	<b>33.13</b>	<b>18.66</b>	<b>32.58</b>	<b>18.61</b>	<b>32.78</b>
<b>Quantity with Reported Price</b>	<b>27,061</b>	<b>17,768</b>	<b>38,666</b>	<b>32,517</b>	<b>65,727</b>	<b>50,284</b>
<b>Total Quantity</b>	<b>27,873</b>	<b>18,467</b>	<b>38,666</b>	<b>32,517</b>	<b>66,539</b>	<b>50,983</b>

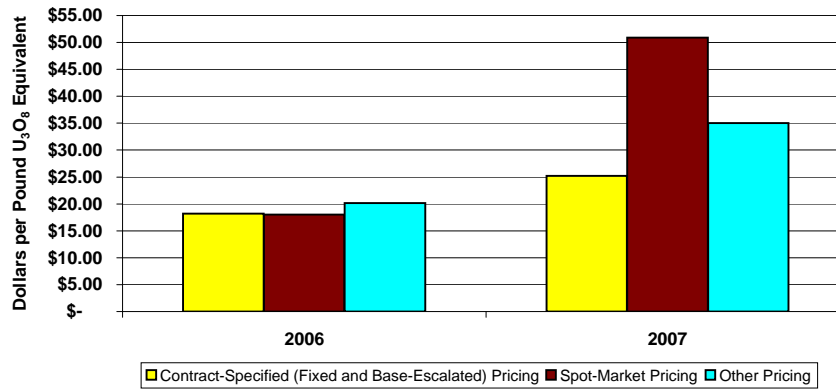
<sup>1</sup> A uranium purchase of both U.S. origin uranium or from a firm located in the United States.

<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 in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Figure 7. Average Price for Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Pricing Mechanisms and Delivery Year, 2006-2007**



**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Table 6a. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors Ranked by Price and Distributed by Quantity, 2005-2007 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 2005		Deliveries in 2006		Deliveries in 2007	
	Quantity with Reported Price	Weighted-Average Price	Quantity with Reported Price	Weighted-Average Price	Quantity with Reported Price	Weighted-Average Price
First	8,207	10.13	8,216	10.41	6,286	10.41
Second	8,207	10.94	8,216	11.64	6,286	11.94
Third	8,207	11.67	8,216	12.59	6,286	13.29
Fourth	8,207	12.32	8,216	13.81	6,286	15.22
Fifth	8,207	13.24	8,216	15.19	6,286	18.69
Sixth	8,207	15.59	8,216	17.98	6,286	36.67
Seventh	8,207	17.81	8,216	24.01	6,286	55.20
Eighth	8,207	23.21	8,216	43.25	6,286	100.79
<b>Total</b>	<b>65,656</b>	<b>14.36</b>	<b>65,727</b>	<b>18.61</b>	<b>50,284</b>	<b>32.78</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 in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).

**Table 6b. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors Ranked by Price and Distributed by Purchaser, 2005-2007 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 2005			Deliveries in 2006			Deliveries in 2007		
	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	23,866	12.07	9	21,964	13.06	8	18,501	17.28
Second	8	21,140	13.60	8	18,661	16.76	8	13,609	25.55
Third	7	15,512	16.58	8	13,788	20.27	8	8,167	43.19
Fourth	7	5,138	21.49	8	11,314	30.41	8	10,007	62.76
<b>Total</b>	<b>30</b>	<b>65,656</b>	<b>14.36</b>	<b>33</b>	<b>65,727</b>	<b>18.61</b>	<b>32</b>	<b>50,284</b>	<b>32.78</b>

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average price are in nominal U.S. dollars: A measure used to express nominal price. Nominal price: The price paid for a product or service at the time of the transaction.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).

**Table 7. Uranium Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Contract Type and Material Type, 2007 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>	1,083	97.70	W	W	W	W
Natural UF <sub>6</sub>	5,481	86.39	22,612	25.00	28,093	36.98
Enriched Uranium	0	--	W	W	W	W
<b>Total</b>	<b>6,564</b>	<b>88.25</b>	<b>43,720</b>	<b>24.45</b>	<b>50,284</b>	<b>32.78</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).

W = Data withheld to avoid disclosure. -- = Not applicable.

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars. Natural UF<sub>6</sub> is uranium hexafluoride. The natural UF<sub>6</sub> and enriched uranium 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 uranium. The natural UF<sub>6</sub> and enriched uranium 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 uranium, and does not include the conversion service and enrichment service components.

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

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**Table 8. Contracts Signed in 2007 by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Contract Type with 2007 Deliveries**

(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 2007)</b>	<b>Quantity of Deliveries Received in 2007</b>	<b>Weighted-Average Price</b>	<b>Number of Purchase Contracts</b>
Spot	W	W	23
Long-Term	W	W	1
<b>Total</b>	<b>5,159</b>	<b>96.57</b>	<b>24</b>

W = Data withheld to avoid disclosure.

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars.

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

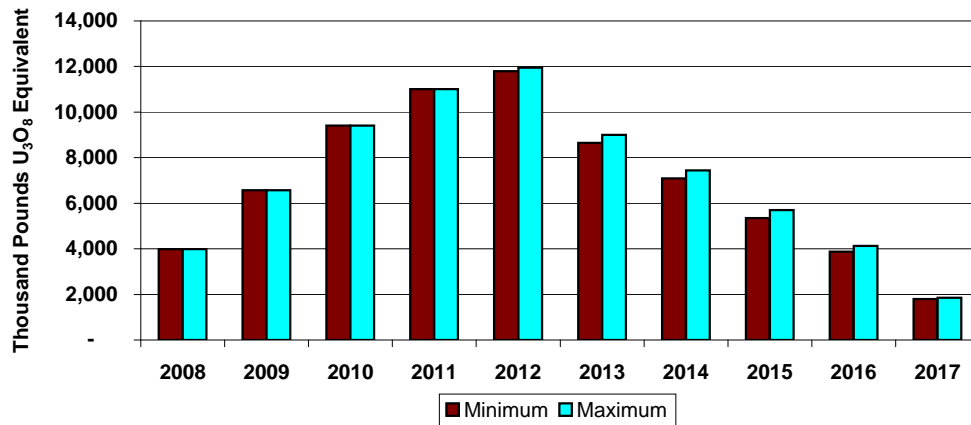
**Table 9. Contracted Purchases of Uranium by Owners and Operators of U.S. Civilian Nuclear Power Reactors, Signed in 2007, by Delivery Year, 2008-2017**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Year of Delivery	Minimum	Maximum
2008	3,990	3,990
2009	6,574	6,574
2010	9,411	9,411
2011	11,015	11,015
2012	11,801	11,953
2013	8,655	9,008
2014	7,096	7,448
2015	5,350	5,702
2016	3,873	4,125
2017	1,801	1,853
<b>Total</b>	<b>69,565</b>	<b>71,078</b>

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

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

**Figure 8. Contracted Purchases of Uranium by Owners and Operators of U.S. Civilian Nuclear Power Reactors, Signed in 2007, by Delivery Year, 2008-2017**



Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2007).

**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 2007, by Delivery Year, 2008-2017**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

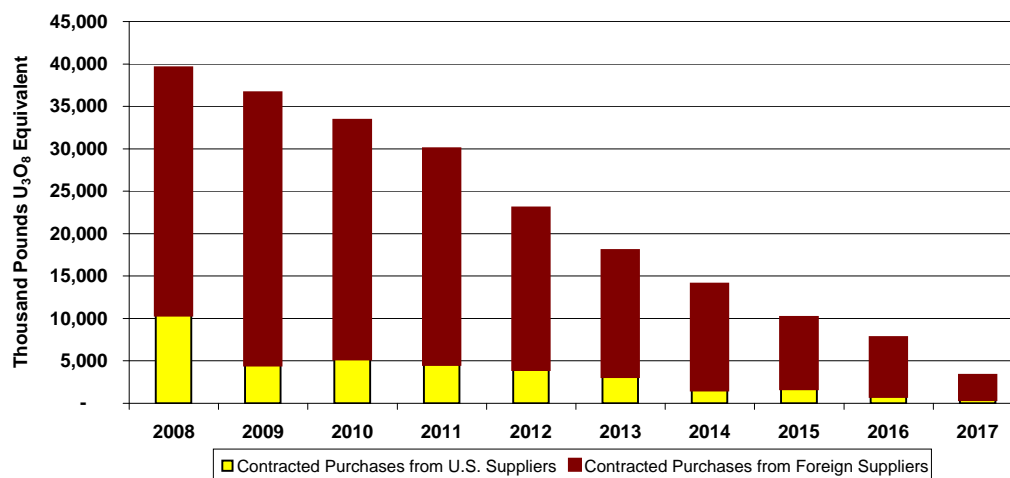
Year of Delivery	Contracted Purchases from U.S. Suppliers		Contracted Purchases from Foreign Suppliers		Contracted Purchases from All Suppliers	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
2008	10,394	W	29,083	31,779	39,477	W
2009	4,533	W	32,022	33,530	36,556	W
2010	5,256	5,311	28,053	29,243	33,309	34,555
2011	4,602	4,657	25,339	26,496	29,941	31,153
2012	4,005	4,174	18,983	19,995	22,988	24,169
2013	3,174	3,326	14,780	16,014	17,954	19,341
2014	1,584	1,736	12,409	14,144	13,993	15,880
2015	1,721	1,873	8,365	9,555	10,086	11,427
2016	827	879	6,877	8,101	7,704	8,980
2017	435	487	2,808	2,936	3,244	3,423
<b>Total</b>	<b>36,531</b>	<b>37,886</b>	<b>178,719</b>	<b>191,793</b>	<b>215,250</b>	<b>229,679</b>

W = Data withheld to avoid disclosure.

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

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

**Figure 9. Minimum Contracted Purchases of Uranium from Suppliers by Owners and Operators of U.S. Civilian Nuclear Power Reactors, in Effect at the End of 2007, by Delivery Year, 2008-2017**



**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).

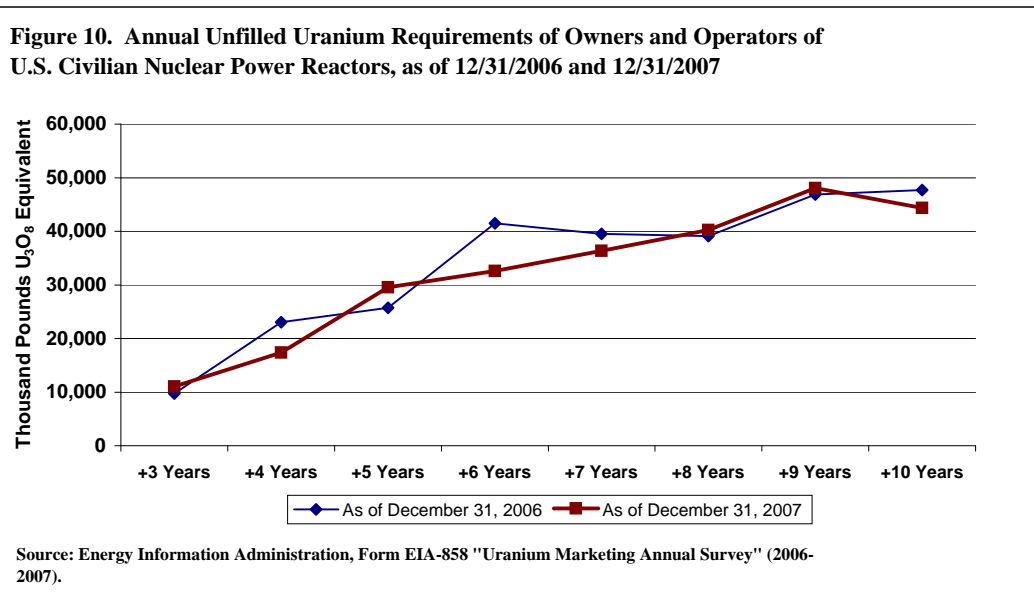
**Table 11. Unfilled Uranium Requirements of Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2007-2017**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Year	As of December 31, 2006		As of December 31, 2007	
	Annual	Cumulative	Annual	Cumulative
2007	W	W	-	--
2008	W	W	W	W
2009	9,721	12,960	W	W
2010	23,016	35,976	11,017	15,002
2011	25,708	61,684	17,385	32,387
2012	41,484	103,167	29,556	61,943
2013	39,496	142,663	32,611	94,554
2014	39,122	181,785	36,384	130,938
2015	46,879	228,664	40,239	171,177
2016	47,698	276,362	48,084	219,261
2017	-	--	44,357	263,618

W = Data withheld to avoid disclosure. - = No data reported. -- = Not applicable.

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

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).





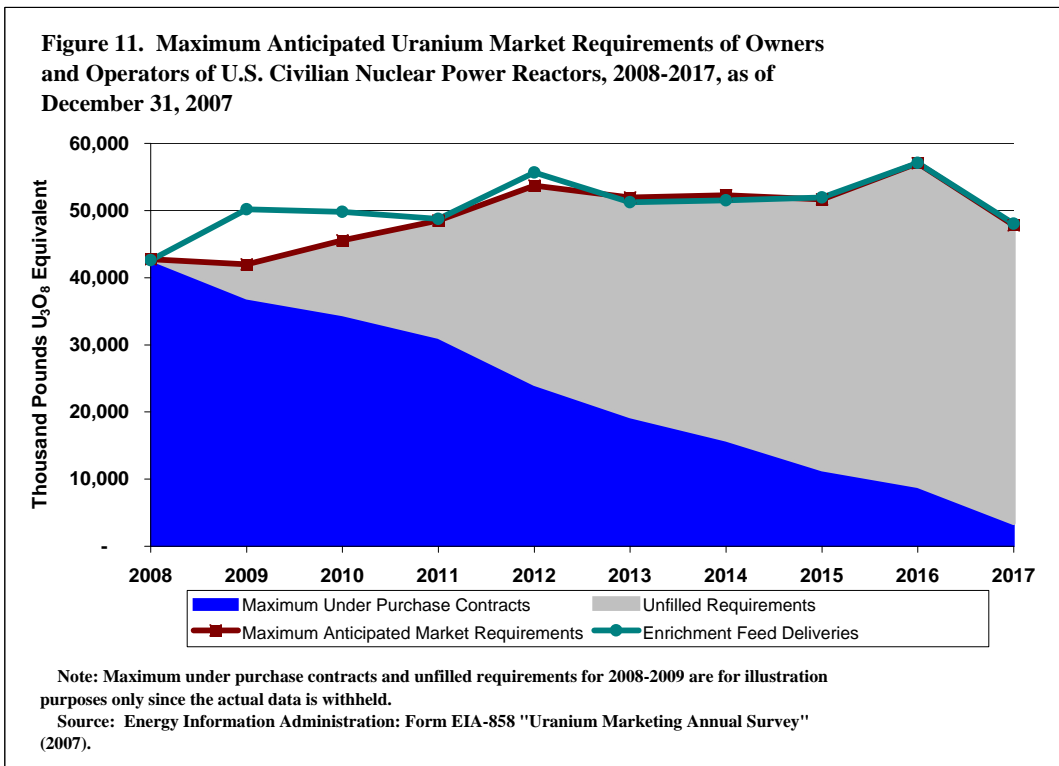
**Table 12. Maximum Anticipated Uranium Market Requirements of Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2008-2017, as of December 31, 2007**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Year	Maximum Under Purchase Contracts	Unfilled Requirements	Maximum Anticipated Market Requirements	Enrichment Feed Deliveries
2008	W	W	42,728	42,615
2009	W	W	42,008	50,171
2010	34,555	11,017	45,572	49,814
2011	31,153	17,385	48,538	48,766
2012	24,169	29,556	53,725	55,665
2013	19,341	32,611	51,952	51,249
2014	15,880	36,384	52,264	51,502
2015	11,427	40,239	51,666	51,945
2016	8,980	48,084	57,064	57,108
2017	3,423	44,357	47,780	48,053
<b>Total</b>	<b>229,679</b>	<b>263,618</b>	<b>493,296</b>	<b>506,889</b>

W = Data withheld to avoid disclosure.

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

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2007).



**Table S2. Uranium Feed Deliveries, Enrichment Services, and Uranium Loaded by Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**

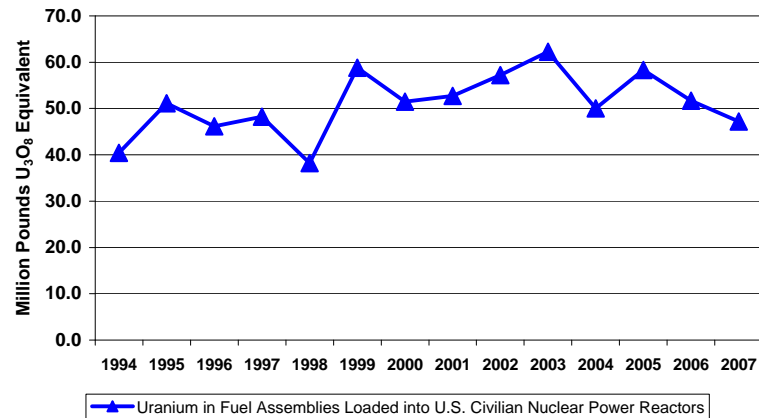
Million Pounds U <sub>3</sub> O <sub>8</sub> Equivalent	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Feed Deliveries by Owners and Operators of U.S. Civilian Nuclear Power Reactors	37.6	44.3	49.1	40.3	40.6	43.9	47.8	47.3	54.7	49.3	53.4	52.9	56.6	49.0
Uranium in Fuel Assemblies Loaded into U.S. Civilian Nuclear Power Reactors	40.4	51.1	46.2	48.2	38.2	58.8	51.5	52.7	57.2	62.3	50.1	58.3	51.7	47.2
<b>Million Separative Work Units (SWU)</b>														
U.S.-Origin Enrichment Services Purchased	7.5	6.7	8.0	6.0	5.7	4.6	5.2	1.3	1.7	1.7	1.4	1.1	1.6	1.5
Foreign-Origin Enrichment Services Purchased	1.7	2.8	3.2	2.9	4.4	5.4	6.6	9.1	9.8	10.3	10.4	10.3	11.8	12.7
<b>Total Purchased Enrichment Services</b>	<b>9.2</b>	<b>9.5</b>	<b>11.2</b>	<b>8.9</b>	<b>10.1</b>	<b>10.0</b>	<b>11.8</b>	<b>10.4</b>	<b>11.5</b>	<b>12.0</b>	<b>11.8</b>	<b>11.4</b>	<b>13.4</b>	<b>14.2</b>
<b>Average Price (US\$ per SWU)</b>	-	-	-	-	-	-	-	-	-	-	-	-	106.57	114.58

- = No data reported.

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

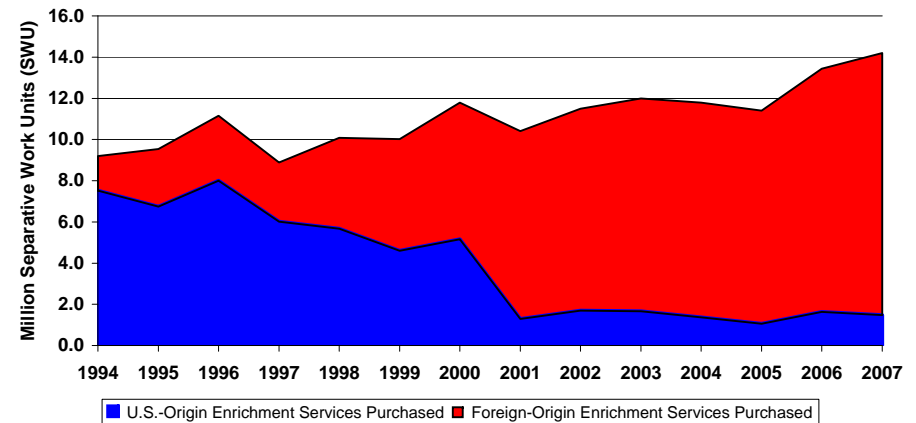
Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 22, 23, 25, and 27. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Figure S3. Uranium Loaded into U.S. Civilian Nuclear Power Reactors, 1994-2007**



Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Figure S4. Uranium Enrichment Services Purchased by Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**



Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Table 13. Deliveries of Uranium Feed by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Enrichment Country and Delivery Year, 2005-2007**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Enrichment Country	Feed Deliveries in 2005			Feed Deliveries in 2006			Feed Deliveries in 2007		
	U.S.-Origin	Foreign-Origin	Total	U.S.-Origin	Foreign-Origin	Total	U.S.-Origin	Foreign-Origin	Total
China	0	W	W	0	0	0	0	0	0
France	W	W	9,639	109	7,591	7,699	0	3,067	3,067
Germany	0	W	W	0	1,456	1,456	W	W	W
Netherlands	0	1,472	1,472	0	2,851	2,851	0	3,223	3,223
Russia	W	W	2,451	0	W	W	0	0	0
United Kingdom	W	W	4,443	254	6,965	7,219	W	W	2,862
Europe <sup>1</sup>	W	W	6,945	0	8,404	8,404	W	W	8,273
Other <sup>2</sup>	W	W	W	0	W	W	0	W	W
<b>Foreign Total</b>	<b>908</b>	<b>27,483</b>	<b>28,391</b>	<b>363</b>	<b>29,963</b>	<b>30,326</b>	<b>479</b>	<b>18,943</b>	<b>19,421</b>
United States	8,220	16,276	24,496	4,659	21,594	26,253	3,033	26,566	29,599
<b>Total</b>	<b>9,128</b>	<b>43,759</b>	<b>52,887</b>	<b>5,021</b>	<b>51,557</b>	<b>56,578</b>	<b>3,512</b>	<b>45,508</b>	<b>49,020</b>

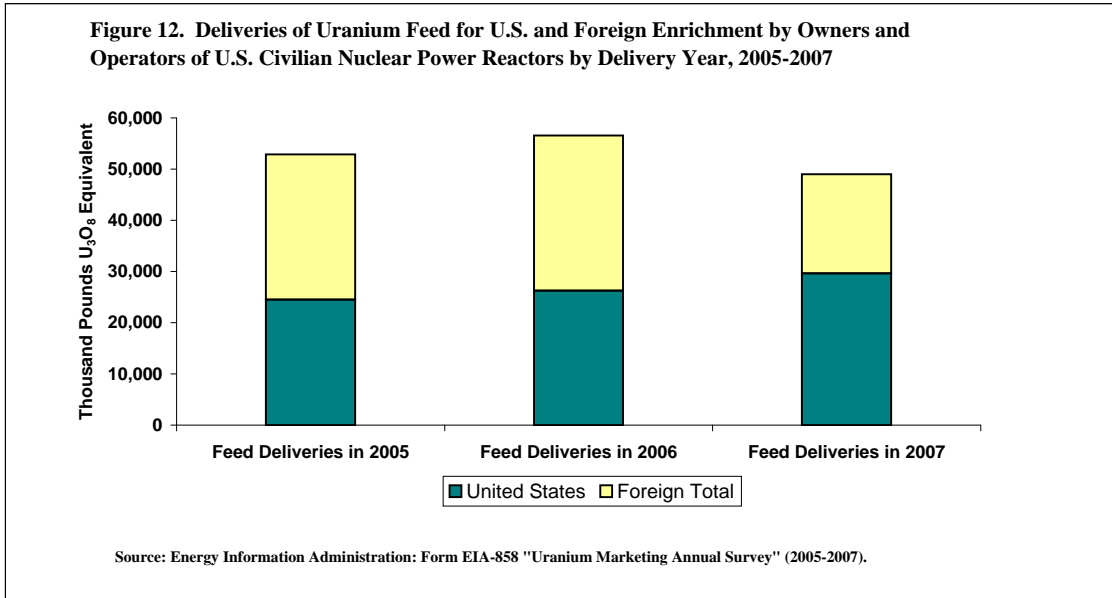
<sup>1</sup> Specific country in Europe was not reported.

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

W = Data withheld to avoid disclosure.

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

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).



**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, 2005-2007**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

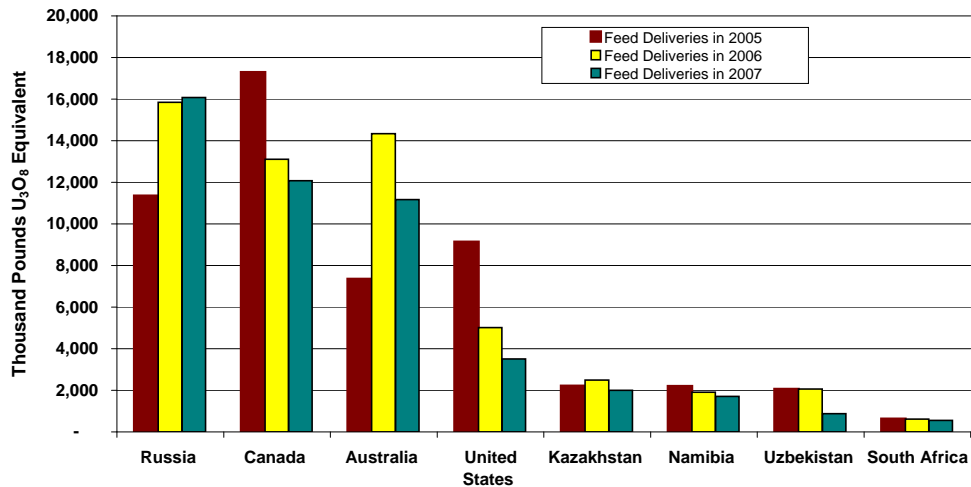
Origin Country of Feed	Deliveries in 2005			Deliveries in 2006			Deliveries in 2007		
	U.S. Enrichment	Foreign Enrichment	Total	U.S. Enrichment	Foreign Enrichment	Total	U.S. Enrichment	Foreign Enrichment	Total
Australia	2,294	5,049	7,343	4,568	9,770	14,338	5,659	5,505	11,165
Brazil	0	0	0	0	W	W	W	W	714
Canada	3,636	13,647	17,283	1,717	11,396	13,113	3,843	8,239	12,082
China	0	0	0	0	0	0	0	0	0
Czech Republic	0	W	W	W	0	W	W	W	334
France	0	W	W	0	0	0	0	0	0
Germany	0	W	W	0	0	0	0	0	0
Kazakhstan	W	W	2,200	370	2,116	2,486	484	1,515	1,999
Namibia	675	1,507	2,182	W	W	1,913	550	1,163	1,713
Niger	0	W	W	W	0	W	0	0	0
Russia	7,943	3,403	11,345	13,219	2,627	15,846	W	W	16,071
South Africa	W	W	620	W	W	620	W	W	546
Ukraine	0	W	W	0	0	0	0	0	0
Uzbekistan	W	W	2,050	472	1,587	2,059	W	W	884
unknown	0	0	0	0	W	W	0	0	0
<b>Foreign Total</b>	<b>16,276</b>	<b>27,483</b>	<b>43,759</b>	<b>21,594</b>	<b>29,963</b>	<b>51,557</b>	<b>26,566</b>	<b>18,943</b>	<b>45,508</b>
United States	8,220	908	9,128	4,659	363	5,021	3,033	479	3,512
<b>Total</b>	<b>24,496</b>	<b>28,391</b>	<b>52,887</b>	<b>26,253</b>	<b>30,326</b>	<b>56,578</b>	<b>29,599</b>	<b>19,421</b>	<b>49,020</b>

W = Data withheld to avoid disclosure.

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

Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).

**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, 2005-2007**



Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).

**Table 15. Shipments of Uranium Feed by Owners and Operators of U.S. Civilian Nuclear Power Reactors to Domestic and Foreign Enrichment Suppliers, 2008-2017**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

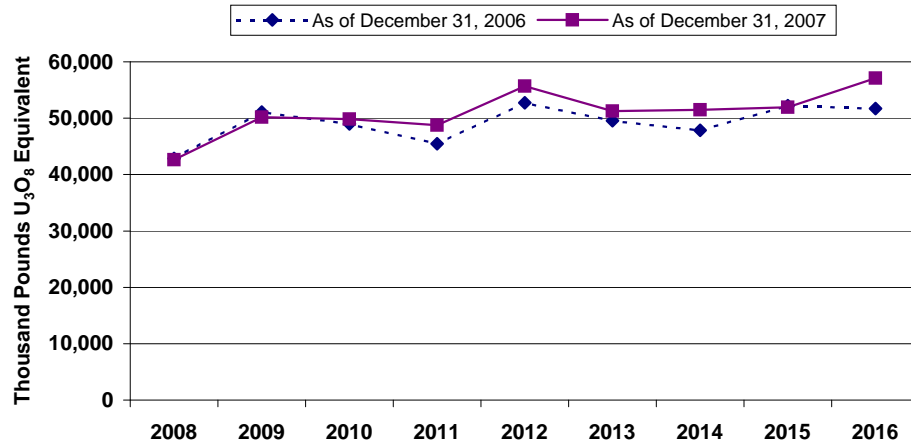
Year of Shipment	Amount of Feed to be Shipped		Change from 2006 to 2007	
	As of December 31, 2006	As of December 31, 2007	Annual	Cumulative
2008	42,873	42,615	-258	-258
2009	51,065	50,171	-894	-1,151
2010	48,963	49,814	851	-301
2011	45,444	48,766	3,323	3,022
2012	52,750	55,665	2,914	5,937
2013	49,559	51,249	1,690	7,627
2014	47,844	51,502	3,658	11,284
2015	52,239	51,945	-294	10,991
2016	51,698	57,108	5,410	16,401
2017	-	48,053	--	--

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

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

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Figure 14. Shipments of Uranium Feed by Owners and Operators of U.S. Civilian Nuclear Power Reactors to Domestic and Foreign Enrichment Suppliers, 2008-2016**



**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Table 16. Purchases of Enrichment Services by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Origin Country and Delivery Year, 2003-2007**

(Thousand Separative Work Units (SWU))

Deliveries	2003	2004	2005	2006	2007
<b>Country of Enrichment Service (SWU-origin):</b>					
China	W	W	W	W	0
France	2,685	2,325	1,831	2,154	613
Germany	660	851	583	818	681
Netherlands	542	402	581	960	1,703
Russia	4,224	4,563	5,059	4,724	6,176
United Kingdom	1,586	1,379	1,379	2,001	1,939
Europe <sup>1</sup>	W	W	W	W	W
Other <sup>2</sup>	0	0	W	W	W
<b>Foreign Total</b>	<b>10,328</b>	<b>10,411</b>	<b>10,343</b>	<b>11,808</b>	<b>12,729</b>
United States	1,665	1,374	1,052	1,630	1,473
<b>Total</b>	<b>11,993</b>	<b>11,785</b>	<b>11,394</b>	<b>13,437</b>	<b>14,202</b>
<b>Average Price (US\$ per SWU)</b>	-	-	-	<b>106.57</b>	<b>114.58</b>

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

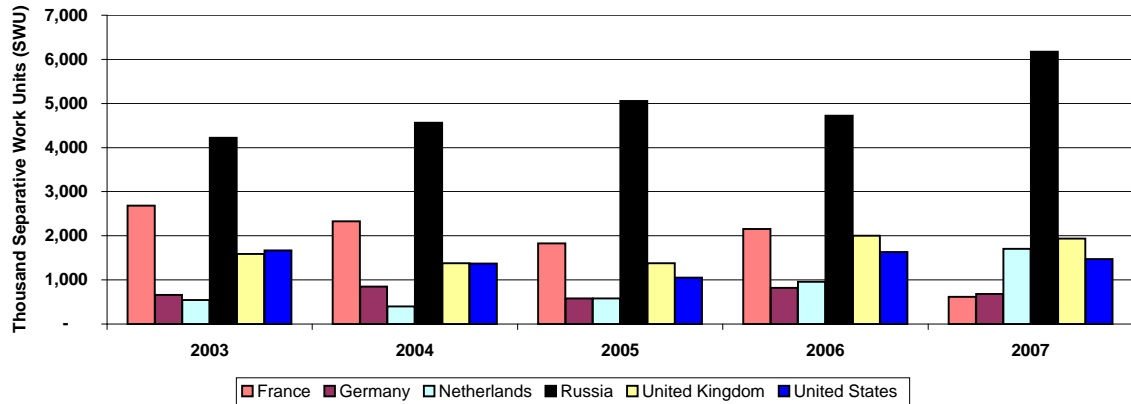
<sup>2</sup> Specific country was not reported.

W = Data withheld to avoid disclosure. - = No data reported.

**Notes:** Totals may not equal sum of components because of independent rounding. Average price is in nominal U.S. dollars

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Figure 15. Purchases of Enrichment Services by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Origin Country and Delivery Year, 2003-2007**



**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

<b>Enrichment Service Sellers to Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2006-2007</b>	
<b>2006</b>	<b>2007</b>
AREVA NC, Inc. (was COGEMA, Inc.)	AREVA NC, Inc. (was COGEMA, Inc.)
CNEIC (China Nuclear Energy Industry Corp.)	Consumers Energy
UG U.S.A., Inc.	URENCO, Inc.
URENCO, Inc.	USEC, Inc. (United States Enrichment Corporation)
USEC, Inc. (United States Enrichment Corporation)	

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2006-2007).

**Table 17. Purchases of Enrichment Services by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Contract Type in Delivery Year, 2007**

(Thousand Separative Work Units (SWU))

<b>Enrichment Service Contract Type</b>	<b>U.S. Enrichment</b>	<b>Foreign Enrichment</b>	<b>Total</b>
Spot	0	386	386
Long-Term	1,473	12,344	13,816
<b>Total</b>	<b>1,473</b>	<b>12,729</b>	<b>14,202</b>

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

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2007).



**Table 18. Uranium in Fuel Assemblies Loaded into U.S. Civilian Nuclear Power Reactors by Year, 2003-2007**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

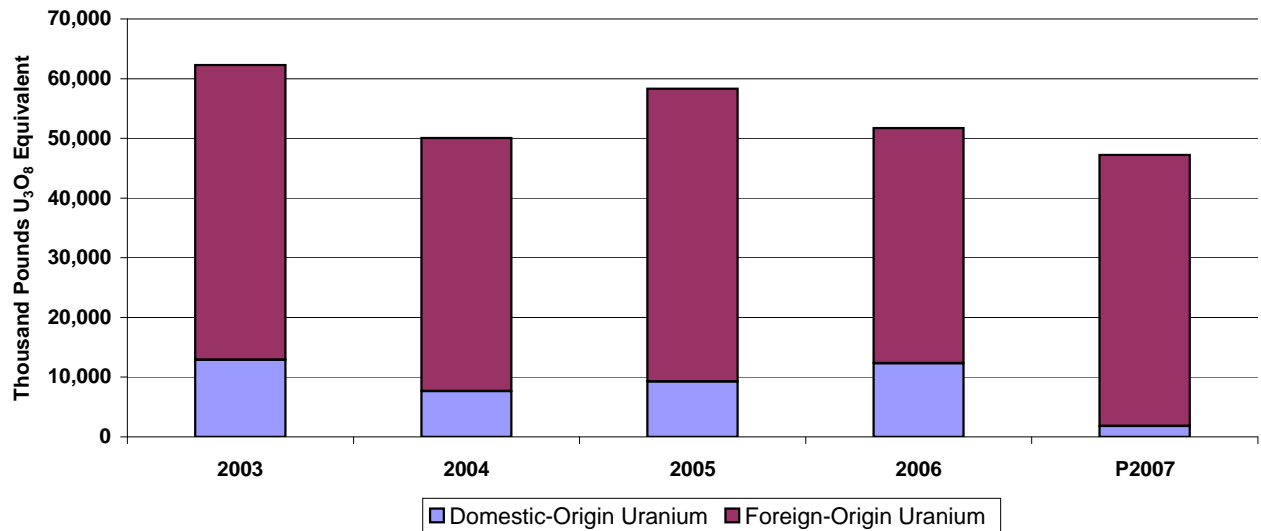
Origin of Uranium	2003	2004	2005	2006	P2007
Domestic-Origin Uranium	12,941	7,682	9,293	12,327	1,840
Foreign-Origin Uranium	49,328	42,372	49,014	39,373	45,358
<b>Total</b>	<b>62,269</b>	<b>50,054</b>	<b>58,307</b>	<b>51,700</b>	<b>47,197</b>

P = Preliminary data. Final 2006 fuel assembly data reported in the 2007 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:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2004-2007).

**Figure 16. Uranium in Fuel Assemblies Loaded into U.S. Civilian Nuclear Power Reactors by Year, 2003-2007**



P = Preliminary data. Final 2006 fuel assembly data reported in the 2007 survey.

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2004-2007).

**Table S3a. Foreign Purchases, Foreign Sales, and Uranium Inventories by U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**

(Million Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Delivery Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Foreign Purchases by U.S. Suppliers	21.1	20.2	21.7	20.4	22.6	21.0	17.4	18.7	22.7	18.2	30.2	27.0	26.1	21.6
Foreign Purchases by Owners and Operators of U.S. Civilian Nuclear Power Reactors	15.5	21.1	23.7	22.5	21.1	26.6	27.5	28.0	30.0	34.9	35.9	38.5	38.7	32.5
<b>Total Foreign Purchases</b>	<b>36.6</b>	<b>41.3</b>	<b>45.4</b>	<b>43.0</b>	<b>43.7</b>	<b>47.6</b>	<b>44.9</b>	<b>46.7</b>	<b>52.7</b>	<b>53.0</b>	<b>66.1</b>	<b>65.5</b>	<b>64.8</b>	<b>54.1</b>
<b>U.S. Broker and Trader Purchases from Foreign Suppliers</b>	<b>22.3</b>	<b>18.3</b>	<b>17.8</b>	<b>15.7</b>	<b>21.7</b>	<b>19.2</b>	<b>15.8</b>	<b>18.3</b>	<b>18.6</b>	<b>15.8</b>	<b>26.4</b>	<b>24.0</b>	<b>24.0</b>	<b>18.9</b>
<b>Foreign Sales</b>	<b>17.7</b>	<b>9.8</b>	<b>11.5</b>	<b>17.0</b>	<b>15.1</b>	<b>8.5</b>	<b>13.6</b>	<b>11.7</b>	<b>15.4</b>	<b>13.2</b>	<b>13.2</b>	<b>20.5</b>	<b>18.7</b>	<b>14.8</b>
<b>Year-End Inventories</b>														
U.S. Supplier Uranium Inventories	21.5	13.7	13.9	40.4	70.7	68.8	56.5	48.1	48.7	39.9	37.5	29.1	29.1	30.8
Owners and Operators of U.S. Civilian Nuclear Power Reactors Uranium Inventories	65.4	58.7	66.1	65.9	65.8	58.3	54.8	55.6	53.5	45.6	57.7	64.7	77.5	80.8
<b>Total Commercial Uranium Inventories</b>	<b>86.9</b>	<b>72.5</b>	<b>80.0</b>	<b>106.2</b>	<b>136.5</b>	<b>127.1</b>	<b>111.3</b>	<b>103.8</b>	<b>102.1</b>	<b>85.5</b>	<b>95.2</b>	<b>93.8</b>	<b>106.6</b>	<b>111.6</b>

**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, 1994-2007**

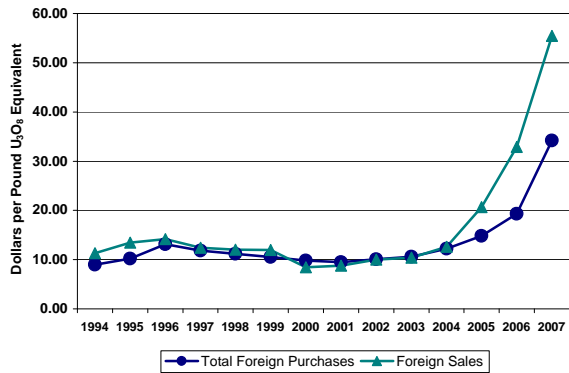
(Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

Delivery Year	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Foreign Purchases by U.S. Suppliers	7.78	8.96	11.78	10.61	10.50	9.42	8.45	8.98	9.65	10.19	11.21	15.11	20.28	36.59
Foreign Purchases by Owners and Operators of U.S. Civilian Nuclear Power Reactors	10.53	11.39	14.41	12.89	11.96	11.45	10.68	9.87	10.37	10.79	13.13	14.63	18.66	32.58
<b>Total Foreign Purchases (Weighted-Average Price)</b>	<b>8.95</b>	<b>10.20</b>	<b>13.15</b>	<b>11.81</b>	<b>11.19</b>	<b>10.55</b>	<b>9.84</b>	<b>9.51</b>	<b>10.05</b>	<b>10.59</b>	<b>12.25</b>	<b>14.83</b>	<b>19.31</b>	<b>34.18</b>
<b>U.S. Broker and Trader Purchases from Foreign Suppliers (Weighted-Average Price)</b>	<b>7.87</b>	<b>9.02</b>	<b>11.78</b>	<b>10.71</b>	<b>10.77</b>	<b>9.60</b>	<b>8.61</b>	<b>8.87</b>	<b>9.59</b>	<b>10.19</b>	<b>11.15</b>	<b>15.68</b>	<b>21.61</b>	<b>39.88</b>
<b>Foreign Sales (Weighted-Average Price)</b>	<b>11.34</b>	<b>13.48</b>	<b>14.20</b>	<b>12.39</b>	<b>12.05</b>	<b>11.97</b>	<b>8.48</b>	<b>8.79</b>	<b>10.04</b>	<b>10.39</b>	<b>12.63</b>	<b>20.70</b>	<b>32.87</b>	<b>55.47</b>

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 in nominal U.S. dollars.

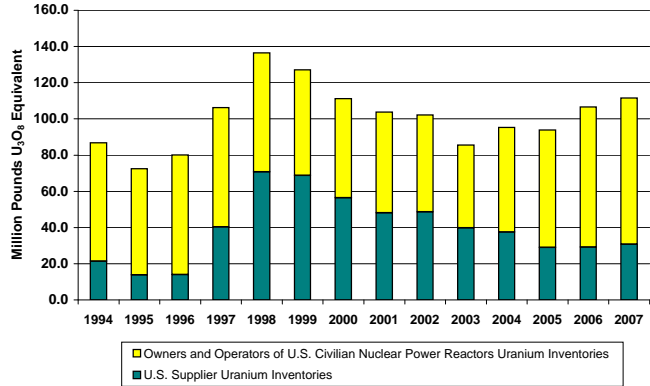
Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual, Tables 28, 29, 30 and 31. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Figure S5. Weighted-Average Price of Foreign Purchases and Foreign Sales of Uranium, 1994-2007**



Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Figure S6. Total Commercial Uranium Inventories of U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors, 1994-2007**



Sources: Energy Information Administration: 1994-2002-Uranium Industry Annual reports. 2003-2007-Form EIA-858, "Uranium Marketing Annual Survey" (2003-2007)

**Table 19. Foreign Purchases of Uranium by U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2003-2007**

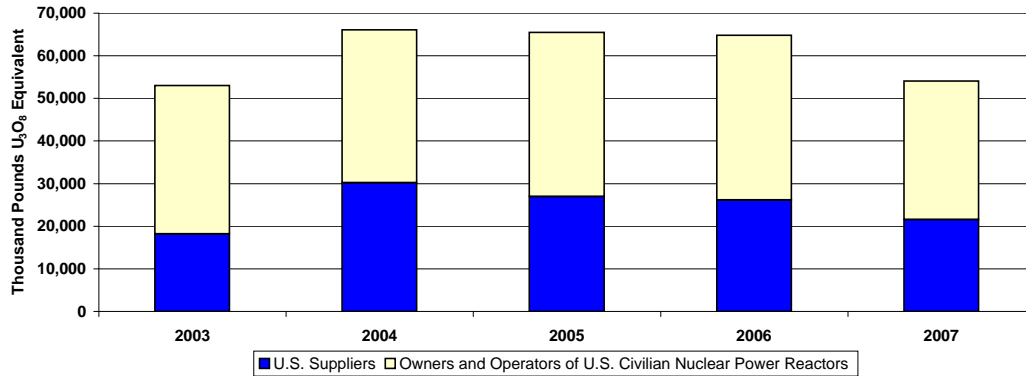
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

Deliveries	2003	2004	2005	2006	2007
<b>U.S. Suppliers</b>					
Foreign Purchases	18,153	30,163	26,990	26,137	21,572
Weighted-Average Price	10.19	11.21	15.11	20.28	36.59
<b>Owners and Operators of U.S. Civilian Nuclear Power Reactors</b>					
Foreign Purchases	34,891	35,938	38,497	38,666	32,517
Weighted-Average Price	10.79	13.13	14.63	18.66	32.58
<b>Total</b>					
Foreign Purchases	53,044	66,101	65,487	64,803	54,089
Weighted-Average Price	10.59	12.25	14.83	19.31	34.18

**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 in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Figure 17. Foreign Purchases of Uranium by U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2003-2007**



**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Table 20. U.S. Broker and Trader Purchases of Uranium by Origin, Supplier, and Delivery Year, 2003-2007**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

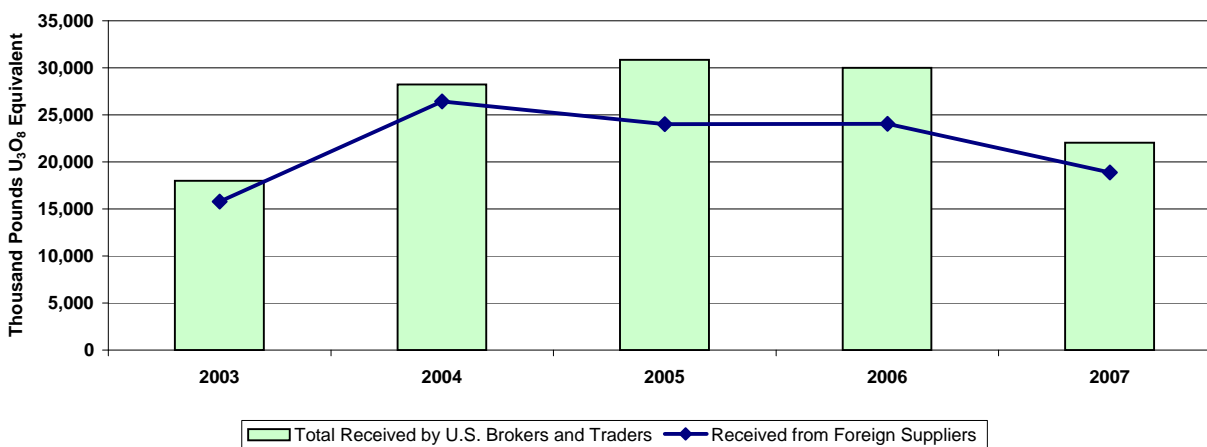
Deliveries	2003	2004	2005	2006	2007
<b>Received U.S.-Origin Uranium</b>					
Purchases	W	W	1,229	3,105	1,996
Weighted-Average Price	W	W	23.57	40.38	94.56
<b>Received Foreign-Origin Uranium</b>					
Purchases	W	W	29,622	26,901	20,046
Weighted-Average Price	W	W	16.80	23.99	45.00
<b>Total Received by U.S. Brokers and Traders</b>					
Purchases	18,004	28,235	30,851	30,006	22,042
Weighted-Average Price	10.24	11.62	17.09	25.68	49.49
<b>Received from Foreign Suppliers</b>					
Purchases	15,766	26,434	24,000	24,047	18,885
Weighted-Average Price	10.19	11.15	15.68	21.61	39.88

W = Data withheld to avoid disclosure.

**Notes:** Totals may not equal sum of components because of independent rounding. Weighted-average prices are in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Figure 18. U.S. Broker and Trader Purchases of Uranium by Supplier, and Delivery Year, 2003-2007**



Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**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, 2003-2007**

(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent; Dollars per Pound U<sub>3</sub>O<sub>8</sub> Equivalent)

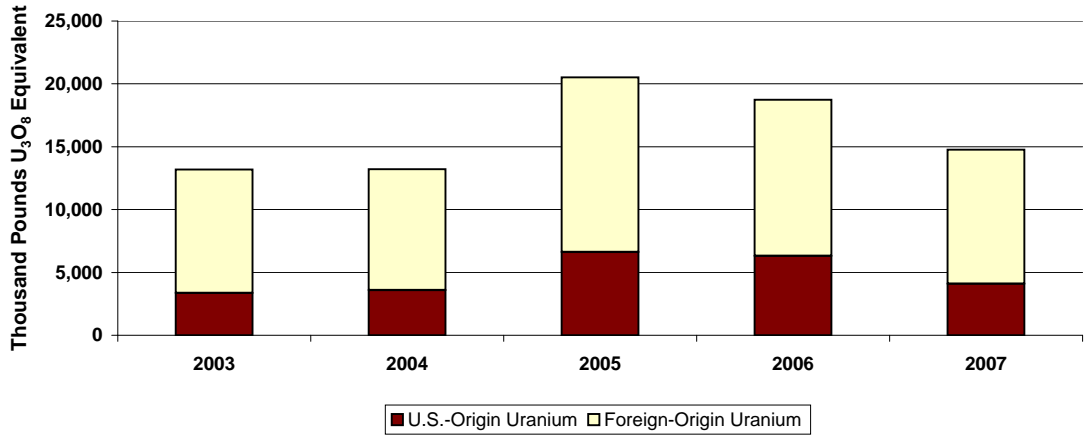
<b>Deliveries to Foreign Suppliers and Utilities</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>U.S.-Origin Uranium</b>					
Foreign Sales	3,369	3,589	6,608	6,315	4,106
Weighted-Average Price	10.42	14.60	21.76	32.03	36.22
<b>Foreign-Origin Uranium</b>					
Foreign Sales	9,817	9,622	13,922	12,432	10,668
Weighted-Average Price	10.37	11.89	20.22	33.30	62.88
<b>Total Sent:</b>					
<b>Foreign Sales</b>	<b>13,187</b>	<b>13,211</b>	<b>20,530</b>	<b>18,746</b>	<b>14,774</b>
<b>Weighted-Average Price</b>	<b>10.39</b>	<b>12.63</b>	<b>20.70</b>	<b>32.87</b>	<b>55.47</b>
From Owners and Operators of U.S. Civilian Nuclear Power Reactors, U.S. Producers, other U.S. Suppliers, and U.S. Government (for 2006)					
Foreign Sales	W	W	7,316	8,090	W
Weighted-Average Price	W	W	20.77	37.25	W
From U.S. Brokers and Traders					
Foreign Sales	W	W	13,214	10,656	W
Weighted-Average Price	W	W	20.66	29.55	W

W = Data withheld to avoid disclosure.

**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 in nominal U.S. dollars.

**Source:** Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**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, 2003-2007**



Source: Energy Information Administration: Form EIA-858 "Uranium Marketing Annual Survey" (2003-2007).

**Table 22. Inventories of Natural and Enriched Uranium as of End of Year, 2003-2007**  
(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Type of Uranium Inventory	Inventories at the End of the Year				
	2003	2004	2005	2006	P2007
<b>Owners and Operators of U.S. Civilian Nuclear Power Reactors Inventories</b>	<b>45,639</b>	<b>57,665</b>	<b>64,729</b>	<b>77,484</b>	<b>80,755</b>
Natural Uranium	22,674	27,899	45,339	54,251	55,975
Enriched Uranium	22,965	29,766	19,390	23,233	24,780
<b>U.S. Supplier Inventories</b>	<b>39,850</b>	<b>37,544</b>	<b>29,068</b>	<b>29,107</b>	<b>30,830</b>
Natural Uranium	W	W	W	W	W
Enriched Uranium	W	W	W	W	W
<b>Total Commercial Inventories</b>	<b>85,489</b>	<b>95,209</b>	<b>93,796</b>	<b>106,591</b>	<b>111,585</b>

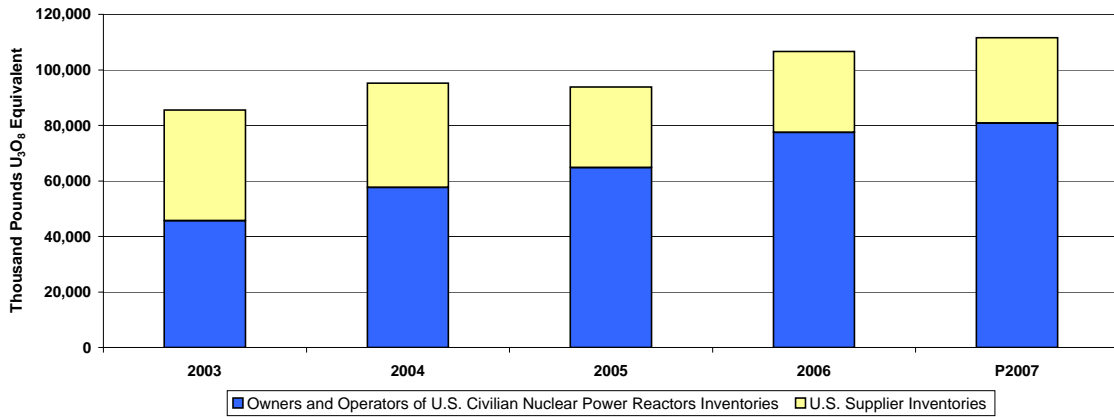
P = Preliminary data. Final 2006 inventory data reported in the 2007 survey.

W = Data withheld to avoid disclosure.

**Notes:** Natural uranium includes uranium concentrate (U<sub>3</sub>O<sub>8</sub>) and natural uranium hexafluoride (UF<sub>6</sub>). Enriched uranium includes enriched uranium hexafluoride (UF<sub>6</sub>) and fabricated fuel not inserted into a reactor. Totals may not equal sum of components because of independent rounding.

**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2004-2007).

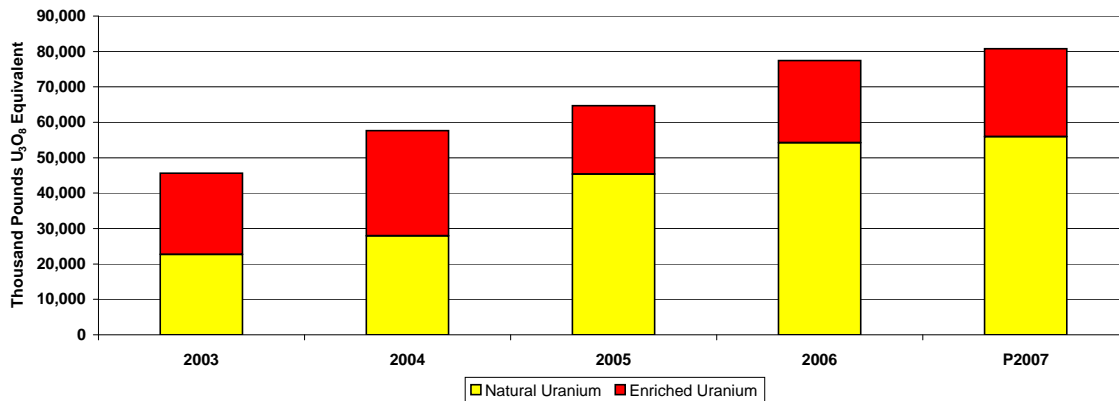
**Figure 20. Commercial Inventories of Natural and Enriched Uranium as of End of Year, 2003-2007**



P=Preliminary data. Final 2006 inventory data reported in the 2007 survey.

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2004-2007).

**Figure 21. Owners and Operators of U.S. Civilian Nuclear Power Reactors Inventories by Material Type as of End of Year, 2003-2007**



<sup>a</sup> Enriched UF<sub>6</sub> and fabricated fuel not inserted into a reactor.

P=Preliminary data. Final 2006 inventory data reported in the 2007 survey.

Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2004-2007).

**Table 23. Inventories of Uranium by Owner as of End of Year, 2004-2007**(Thousand Pounds U<sub>3</sub>O<sub>8</sub> Equivalent)

Owner of Uranium Inventory	Inventories at the End of Year			
	2004	2005	2006	P2007
Owners and Operators of U.S. Civilian Nuclear Power Reactors	57,665	64,729	77,484	80,755
U.S. Brokers and Traders	9,090	12,215	13,180	11,902
U.S. Converter, Enricher, and Fabricators	W	W	W	W
U.S. Producers	W	W	W	W
<b>Total Commercial Inventories</b>	<b>95,209</b>	<b>93,796</b>	<b>106,591</b>	<b>111,585</b>

P = Preliminary data. Final 2006 inventory data reported in the 2007 survey.

W = Data withheld to avoid disclosure.

**Note:** Totals may not equal sum of components because of independent rounding.**Source:** Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2005-2007).