



Data for: 2003

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Uranium Marketing Annual Report

Owners and operators of U.S. civilian nuclear power reactors purchase uranium each year from U.S. suppliers (domestic purchases) and foreign suppliers (foreign purchases). U.S. suppliers include uranium brokers, converters, enrichers, fabricators, producers, and traders. Uranium market activities of owners and operators of U.S. civilian nuclear power reactors also include contracting for future supplies, unfilled uranium requirements, enrichment activities, and the amount of uranium loaded into U.S. civilian nuclear power reactors. 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. The uranium quantities shown in these tables and figures are expressed as U_3O_8 equivalent (U_3O_8e).

2003 Highlights

Owners and operators of U.S. civilian nuclear power reactors purchased from U.S. and foreign suppliers a total of 56.6 million pounds U_3O_8e (equivalent) of deliveries during 2003. The weighted-average price paid was \$10.81 per pound U_3O_8e , an increase of 4 percent compared with the 2002 price. At the end of 2003, cumulative unfilled uranium requirements for U.S. civilian nuclear reactors for 2004 through 2013 were reported to be 402.0 million pounds U_3O_8e . The quantity of maximum deliveries of uranium for the same period under existing purchase contracts totaled 175.5 million pounds. These contracted deliveries and unfilled requirements combined represent the maximum anticipated market requirements of uranium. The total 10-year maximum requirements, as of year-end of 2003, was 577.5 million pounds U_3O_8e . In 2003, 12.0 million separative work units (SWU) were purchased by owners and operators of U.S. civilian nuclear power reactors under enrichment services contracts. U.S. uranium enrichment plants provided 14 percent of the SWU and foreign enrichment plants the remaining 86 percent. Uranium in fuel assemblies loaded into U.S. civilian nuclear power reactors during 2003 contained 62.3 million pounds U_3O_8e . Commercial uranium inventories owned at the end of the year by owners and operators of U.S. civilian nuclear power reactors in 2003 was 45.7 million pounds U_3O_8e , a decrease of 15 percent from the 2002 level.

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Table 1. Owners and Operators of U.S. Civilian Nuclear Power Reactors Contracted Uranium by Supplier, Transaction Type, and Delivery Year, 2002-2003
(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

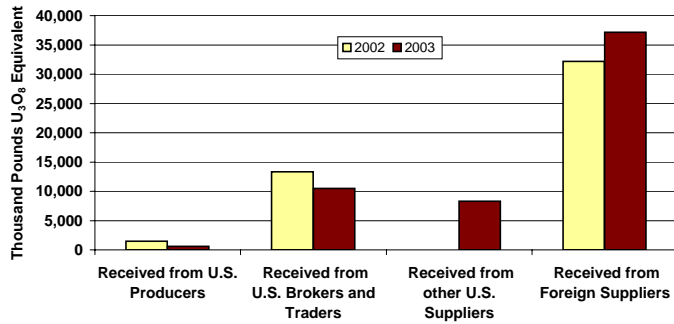
Deliveries	2002	2003
Received from U.S. Producers		
Purchases of U.S.-Origin and Foreign-Origin Uranium	1,455	587
Weighted-Average Price	13.03	14.17
Received from U.S. Brokers and Traders		
Purchases of U.S.-Origin and Foreign-Origin Uranium	13,350	10,490
Weighted-Average Price	10.21	11.05
Received from other Owners and Operators of U.S. Civilian Nuclear Power Reactors		
Purchases	W	0
Weighted-Average Price	W	—
Received from other U.S. Suppliers		
Purchases of U.S.-Origin and Foreign-Origin Uranium	W	8,311
Weighted-Average Price	W	10.16
Received from Foreign Suppliers		
Purchases of U.S.-Origin and Foreign-Origin Uranium	32,182	37,163
Weighted-Average Price	10.37	10.82
Total Received by Owners and Operators of U.S. Civilian Nuclear Power Reactors		
Purchases of U.S.-Origin and Foreign-Origin Uranium	52,709	56,552
Weighted-Average Price	10.36	10.81

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.

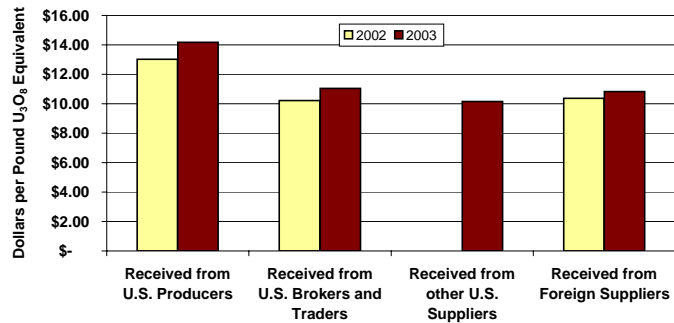
Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 10. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 1. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Supplier and Delivery Year, 2002-2003



Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 10. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 2. Weighted-Average Price of Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Supplier and Delivery Year, 2002-2003



Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 10. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).


Uranium Sellers to Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2003

Cameco	Power Resources, Inc.
China Nuclear Energy Industry Corp. (CNEIC)	Rio Algom
CJS NAC Kazatomprom	Rio Tinto Mineral Services Limited
COGEMA, Inc.	Rossing Uranium Limited
ConverDyn	RWE NUKEM, Inc.
Energy Resources of Australia	The Uranium Exchange Company
Globe Nuclear Services & Supply GNSS, Ltd.	UG U.S.A., Inc.
Heathgate Resources Pty. Ltd.	Uranerz Exploration and Mining Limited
Itochu Corporation	Urenco, Inc.
Nuclear Fuel Corporation	USEC, Inc.
Nufcor International Limited	WMC (Olympic Dam Corporation) Pty Ltd.
Palabora/Rio Tinto	World Wide Minerals, Ltd.

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

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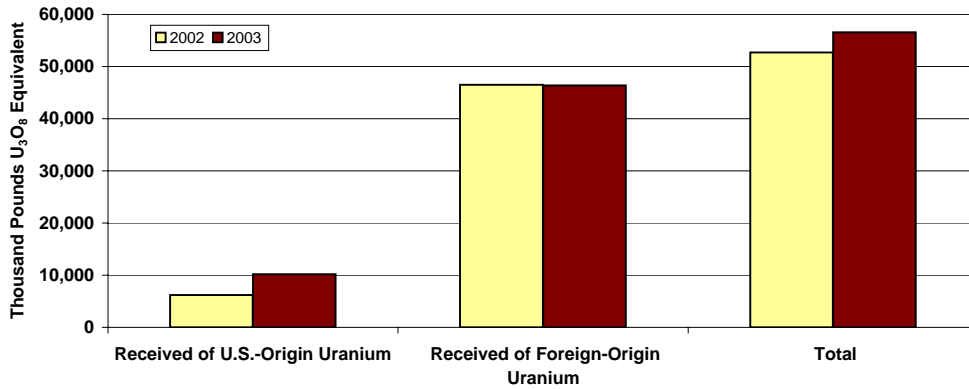
Table 2. Owners and Operators of U.S. Civilian Nuclear Power Reactors Contracted Uranium by Origin, Transaction Type, and Delivery Year, 2002-2003
(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Deliveries	2002	2003
Received of U.S.-Origin Uranium		
Purchases	6,206	10,200
Weighted-Average Price	10.89	10.81
Received of Foreign-Origin Uranium		
Purchases	46,503	46,352
Weighted-Average Price	10.29	10.81
Total		
Purchases	52,709	56,552
Weighted-Average Price	10.36	10.81

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

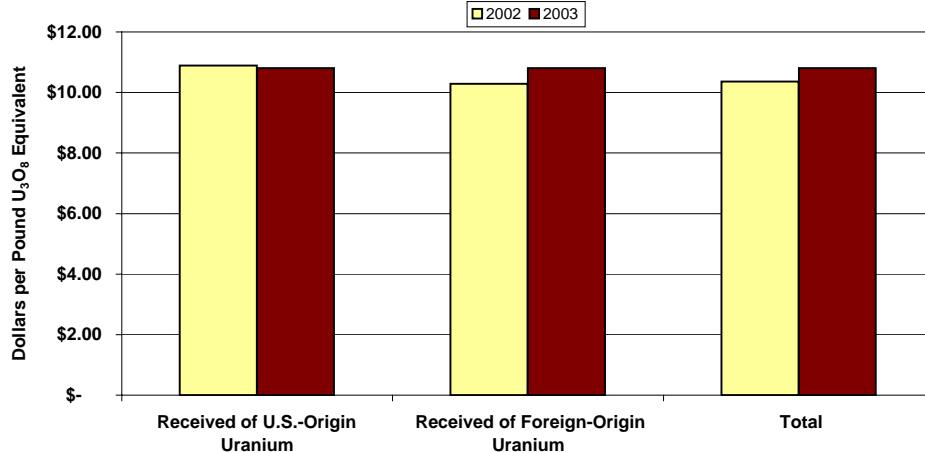
Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 11. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 3. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Origin and Delivery Year, 2002-2003



Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 11. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 4. Weighted-Average Price of Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Origin and Delivery Year, 2002-2003



Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 11. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 3. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Origin Country and Delivery Year, 2002-2003

(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Origin Country	Deliveries in 2002		Deliveries in 2003	
	Purchases	Weighted-Average Price	Purchases	Weighted-Average Price
Australia	10,857	9.74	9,326	10.87
Canada	17,153	10.85	17,050	11.34
China	W	W	W	W
Czech Republic	0	--	W	W
Gabon	W	W	0	--
Germany	W	W	0	--
Kazakhstan	5,410	8.51	4,232	9.69
Kyrgyzstan	0	--	W	W
Namibia	1,082	12.8	1,034	11.11
Niger	W	W	0	--
Portugal	W	W	W	W
Russia	6,334	10.77	7,689	10.18
South Africa	764	9.38	1,438	9.97
Ukraine	W	W	W	W
United Kingdom	W	W	W	W
Uzbekistan	3,546	10.84	3,725	11.14
Total Foreign	46,503	10.29	46,352	10.81
United States	6,206	10.89	10,200	10.81
Total Purchases	52,709	10.36	56,552	10.81

W=Data withheld to avoid disclosure.

-- = Not applicable.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 12. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 5. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Selected Country Origin and Delivery Year, 2002-2003

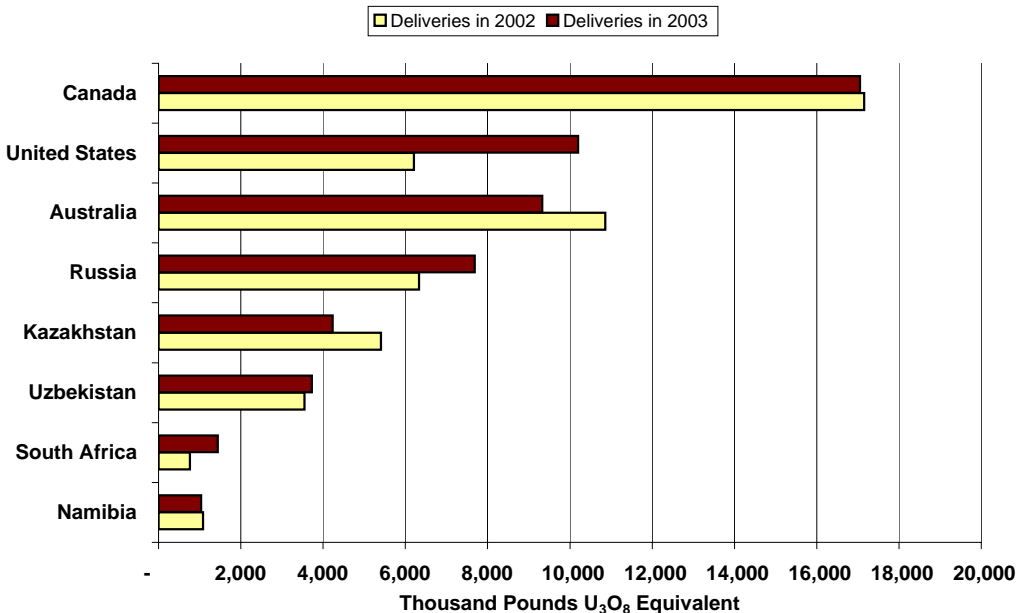


Table 4. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Origin and Material Type, 2003 Deliveries

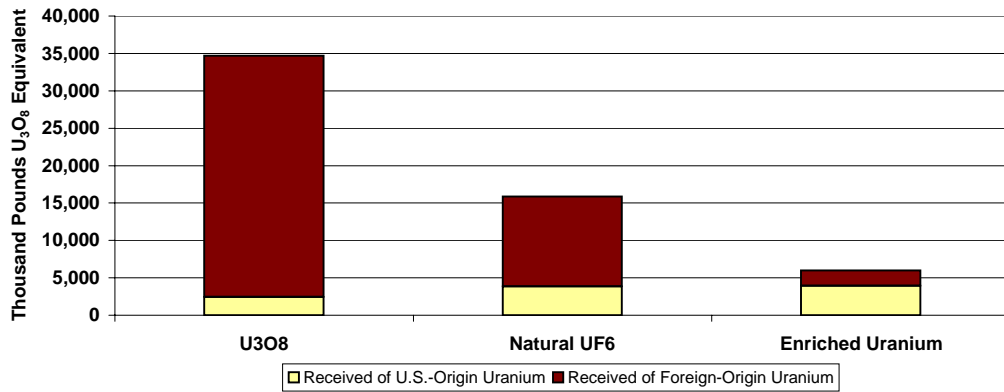
(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Deliveries	U ₃ O ₈	Natural UF ₆	Enriched Uranium	Total
Received of U.S.-Origin Uranium				
Purchases	2,417	3,847	3,936	10,200
Weighted-Average Price	12.09	9.07	12.10	10.81
Received of Foreign-Origin Uranium				
Purchases	32,275	12,031	2,047	46,352
Weighted-Average Price	11.10	10.17	9.79	10.81
Total				
Purchases	34,692	15,878	5,982	56,552
Weighted-Average Price	11.17	9.89	11.13	10.81

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

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

Figure 6. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Material Type, 2003 Deliveries



Source: Energy Information Administration: 2003-Form EIA-858 "Uranium Marketing Annual Survey"

Table 5. Average Price and Quantity for Purchased Uranium by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Pricing Mechanisms and Delivery Year, 2002-2003

(Dollars per Pound U₃O₈ Equivalent; Thousand Pounds U₃O₈ Equivalent)

Pricing Mechanisms	Domestic Purchases ^a		Foreign Purchases ^b		Total Purchases	
	2002	2003	2002	2003	2002	2003
Contract-Specified Pricing						
Weighted-Average Price	10.73	11.53	11.83	10.50	11.15	11.00
Quantity with Reported Price	15,462	13,139	9,601	13,616	25,063	26,755
Spot-Market Pricing						
Weighted-Average Price	9.79	W	9.51	W	9.57	10.54
Quantity with Reported Price	4,142	W	14,449	W	18,591	20,098
Other Pricing						
Weighted-Average Price	8.42	W	10.00	W	9.53	10.84
Quantity with Reported Price	1,854	W	4,472	W	6,326	8,029
All Pricing Mechanisms						
Weighted-Average Price	10.35	10.84	10.37	10.79	10.36	10.81
Quantity with Reported Price	21,458	20,527	28,522	34,355	49,980	54,882
Total Quantity	22,680	21,661	30,029	34,891	52,709	56,552

^aUranium of both U.S. and foreign origin.

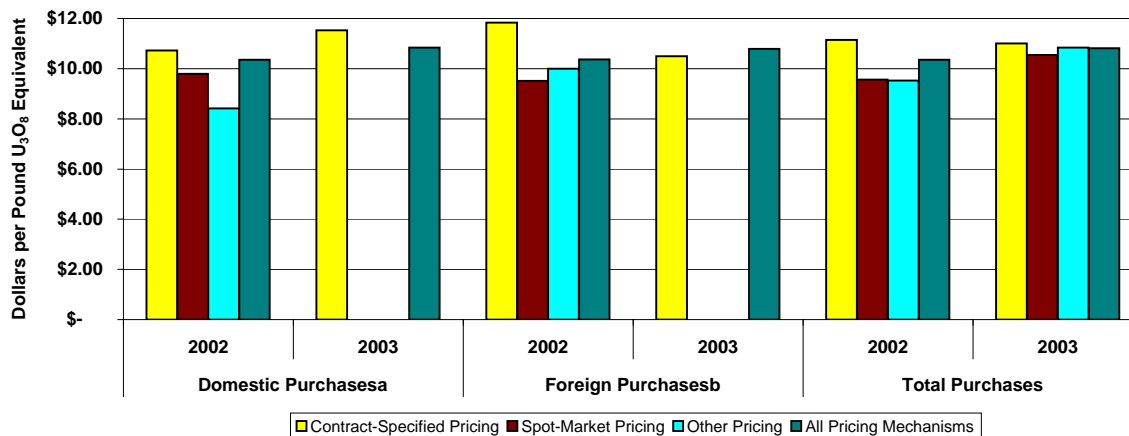
^bUranium of foreign origin only.

W=Data withheld to avoid disclosure.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 14. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 7. Average Price and Quantity for Purchased Uranium by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Pricing Mechanisms and Delivery Year, 2002-2003



Note: Suppression used for data withheld to avoid disclosure.

Source: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 14. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 6a. Octile Price Distributions of Uranium Purchases by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2002-2003(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Distribution	Deliveries in 2002		Deliveries in 2003	
	Quantity with Reported Price	Weighted-Average Price	Quantity with Reported Price	Weighted-Average Price
Octile^a:				
First	6,248	7.91	6,860	8.50
Second	6,248	9.00	6,860	9.59
Third	6,248	9.24	6,860	9.94
Fourth	6,248	9.35	6,860	10.21
Fifth	6,248	9.58	6,860	10.37
Sixth	6,248	9.97	6,860	10.91
Seventh	6,248	11.61	6,860	11.78
Eighth	6,248	16.21	6,860	15.19
Total	49,980	10.36	54,882	10.81

^aOctile distribution divides total pounds 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.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 15. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 6b. Quartile Price Distribution of Uranium Purchases by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2002-2003(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Distribution	Deliveries in 2002		Deliveries in 2003	
	Quantity with Reported Price	Weighted-Average Price	Quantity with Reported Price	Weighted-Average Price
Quartile^a:				
First	9,886	8.95	10,853	9.32
Second	7,756	9.61	12,370	10.25
Third	23,672	10.42	22,948	10.89
Fourth	8,666	12.48	8,711	13.25
Total	49,980	10.36	54,882	10.81

^aQuartile distribution divides total pounds of uranium delivered (with a price) into four distributions by each respondent's (Owners and Operators of U.S. Civilian Nuclear Power Reactors) aggregate weighted-average price and provides the quantity and average price for each distribution.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 15. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 7. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchased Uranium by Contract Type and Material Type, 2003 Deliveries(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Material Type	Spot Contracts		Long-Term Contracts		Total	
	Quantity with Reported Price	Weighted Average Price	Quantity with Reported Price	Weighted Average Price	Quantity with Reported Price	Weighted Average Price
U ₃ O ₈	4,528	10.25	30,165	11.31	34,692	11.17
Natural UF ₆	W	W	W	W	15,341	9.89
Enriched Uranium	W	W	W	W	4,849	11.13
Total	8,226	10.10	46,656	10.94	54,882	10.81

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" (2003).

2003 Uranium Marketing Annual Report: Table 8

Table 8. Contracts Signed in 2003 by Owners and Operators of U.S. Civilian Nuclear Power Reactors by Contract Type with 2003 Deliveries

(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Purchase Contract Type	Quantity of Deliveries Received in 2003	Weighted-Average Price	Number of Purchase Contracts
Spot	W	W	22
Long-Term	W	W	3
Total	7,416	10.10	25

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" (2003).

Table 9. Owners and Operators of U.S. Civilian Nuclear Power Reactors Contracted Purchases of Uranium, Signed in 2003, by Delivery Year, 2004-2013
(Thousand Pounds U₃O₈ Equivalent)

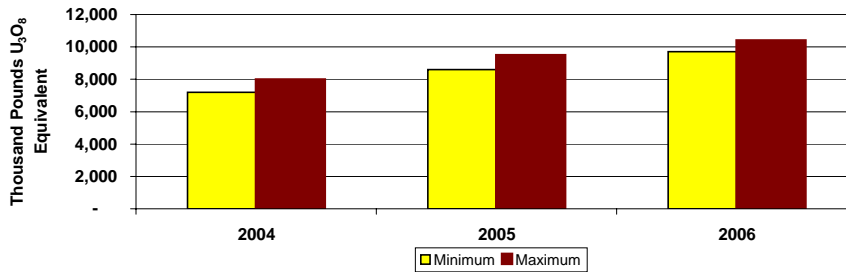
Year of Delivery	Minimum	Maximum
2004	7,187	7,968
2005	8,600	9,462
2006	9,712	10,379
2007	W	W
2008	W	W
2009	0	0
2010	0	0
2011	0	0
2012	0	0
2013	0	0
Total	33,141	36,072

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" (2003).

Figure 8. Owners and Operators of U.S. Civilian Nuclear Power Reactors Contracted Purchases of Uranium, Signed in 2003, by Delivery Year, 2004-2006



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

Table 10. Owners and Operators of U.S. Civilian Nuclear Power Reactors Contracted Purchases of Uranium from Suppliers, in Effect at the End of 2003, by Delivery Year, 2004-2013
(Thousand Pounds U₃O₈ Equivalent)

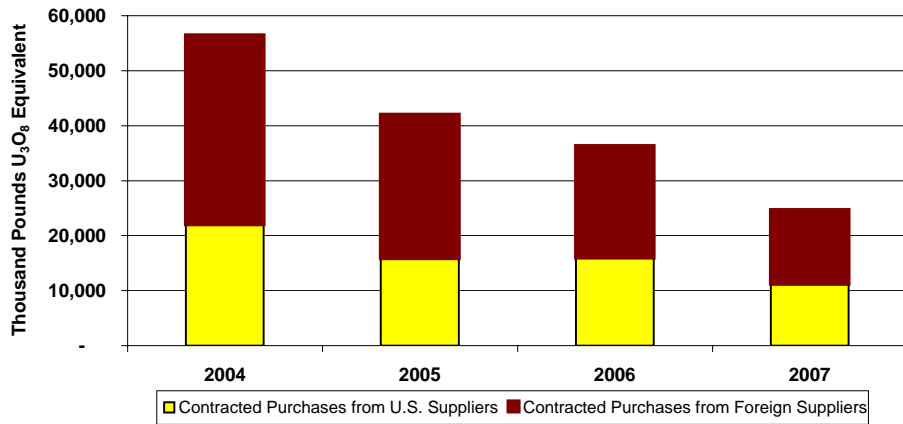
Year of Delivery	Contracted Purchases from U.S. Suppliers		Contracted Purchases from Foreign Suppliers		Contracted Purchases from All Suppliers	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
2004	18,501	22,008	27,259	34,466	45,759	56,474
2005	13,402	15,818	19,279	26,198	32,681	42,016
2006	13,950	15,970	14,930	20,367	28,880	36,337
2007	6,198	11,148	9,503	13,549	15,701	24,697
2008	2,225	W	1,871	W	4,096	W
2009	0	W	0	W	0	W
2010	0	W	0	0	0	W
2011	0	W	0	0	0	W
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
Total	54,275	75,221	72,842	100,227	127,117	175,448

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" (2003).

Figure 9. Owners and Operators of U.S. Civilian Nuclear Power Reactors Maximum Contracted Purchases of Uranium from Suppliers, in Effect at the End of 2003, by Delivery Year, 2004-2007



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

Table 11. Unfilled Uranium Requirements of Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2003-2013

(Thousand Pounds U₃O₈ Equivalent)

Year	As of December 31, 2002		As of December 31, 2003	
	Annual	Cumulative	Annual	Cumulative
2003	5,199	5,199	NR	--
2004	11,013	16,212	1,403	1,403
2005	18,547	34,759	7,849	9,253
2006	41,002	75,761	22,932	32,184
2007	41,004	116,765	32,433	64,617
2008	46,089	162,854	W	W
2009	58,251	221,105	W	W
2010	55,755	276,860	W	W
2011	49,733	326,593	W	W
2012	58,437	385,030	60,968	347,245
2013	NR	--	54,771	402,015

W=Data withheld to avoid disclosure.

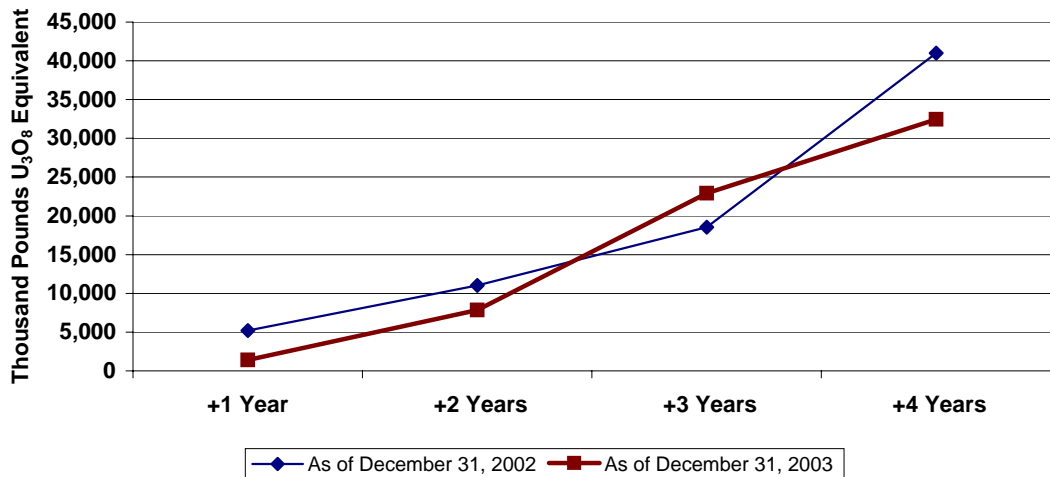
NR=Not Reported.

-- = Not applicable.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 20. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 10. Owners and Operators of U.S. Civilian Nuclear Power Reactors Annual Unfilled Uranium Requirements Comparison, as of 12/31/2002 and 12/31/2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 20. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 12. Maximum Anticipated Uranium Market Requirements of Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2004-2013, as of December 31, 2003
(Thousand Pounds U₃O₈ Equivalent)

Year	Maximum Under Purchase Contracts	Unfilled Requirements	Maximum Anticipated Market Requirements	Enrichment Feed Deliveries
2004	56,474	1,403	57,877	56,232
2005	42,016	7,849	49,865	52,065
2006	36,337	22,932	59,269	61,584
2007	24,697	32,433	57,130	54,198
2008	W	W	51,905	49,848
2009	W	W	68,145	62,372
2010	W	W	61,085	54,894
2011	W	W	56,449	52,727
2012	0	60,968	60,968	57,762
2013	0	54,771	54,771	51,508
Total	175,448	402,015	577,463	553,188

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" (2003).

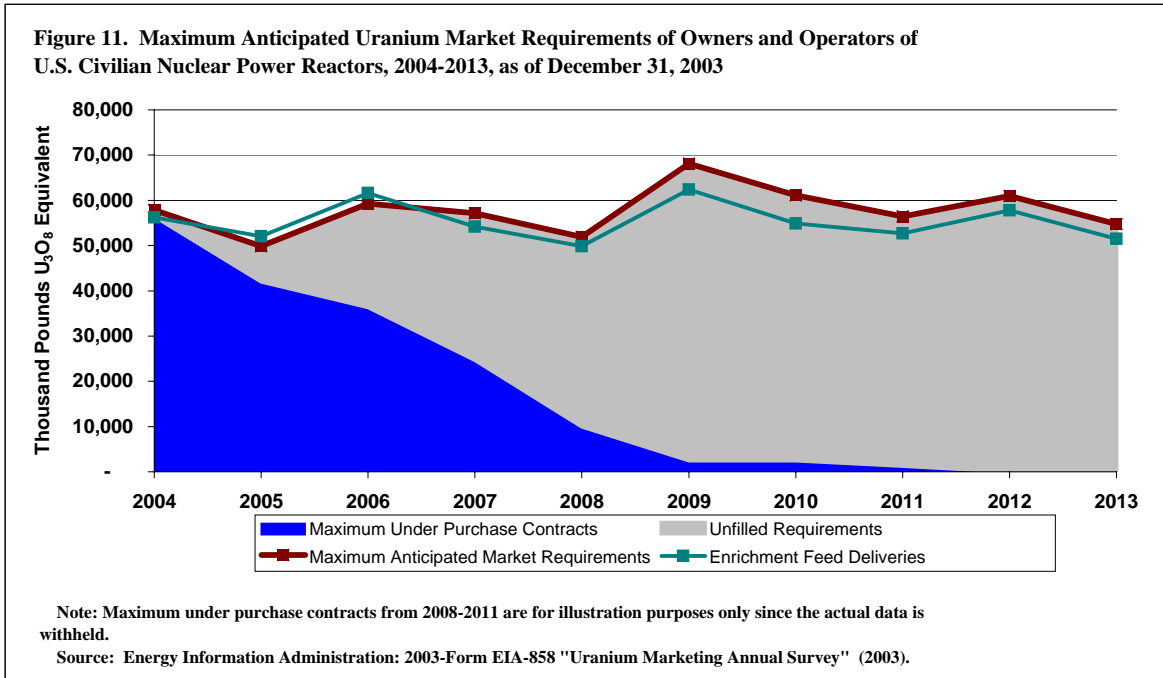


Table 13. Owners and Operators of U.S. Civilian Nuclear Power Reactors Deliveries of Uranium Feed by Enrichment Country and Delivery Year, 2002-2003
(Thousand Pounds U₃O₈ Equivalent)

Enrichment Country	Feed Deliveries in 2002			Feed Deliveries in 2003		
	U.S.-Origin	Foreign-Origin	Total	U.S.-Origin	Foreign-Origin	Total
China	0	W	W	W	W	W
France	1,260	11,186	12,446	W	W	8,268
Germany	W	W	1,189	143	2,230	2,373
Netherlands	0	1,873	1,873	0	2,039	2,039
Russia	0	W	W	957	3,237	4,194
United Kingdom	474	4,497	4,971	0	5,181	5,181
Europe ^a (France, Germany, Netherlands, or United Kingdom) and other	W	W	4,137	0	W	W
Foreign Total	2,578	23,063	25,641	1,806	23,333	25,139
United States	5,625	23,398	29,023	7,363	16,764	24,127
Total	8,203	46,461	54,664	9,169	40,097	49,266

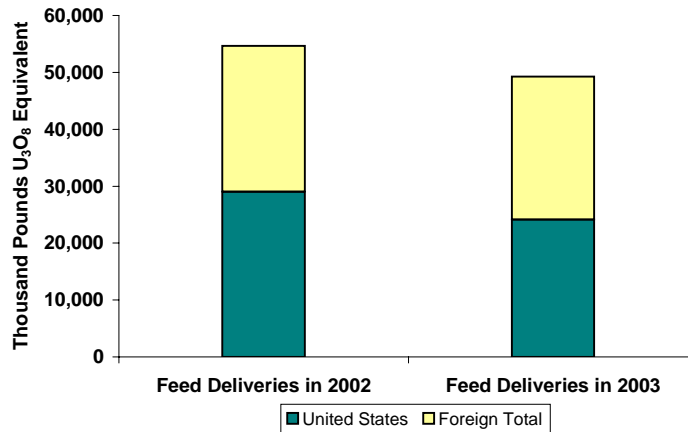
^aSpecific country in Europe was not reported.

W=Data withheld to avoid disclosure.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 22. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 12. Owners and Operators of U.S. Civilian Nuclear Power Reactors Deliveries of Uranium Feed for U.S. and Foreign Enrichment by Delivery Year, 2002-2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 22. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 14. Owners and Operators of U.S. Civilian Nuclear Power Reactors Deliveries of Uranium Feed for Enrichment by Origin Country and Delivery Year, 2002-2003
(Thousand Pounds U₃O₈ Equivalent)

Origin Country of Feed	Deliveries in 2002			Deliveries in 2003		
	To U.S. Enrichers	To Foreign Enrichers	Total	U.S. Enrichment	Foreign Enrichment	Total
Australia	4,192	5,413	9,605	2,797	4,546	7,343
Canada	7,288	9,325	16,613	4,857	9,263	14,120
China	W	0	W	0	0	0
Czech Republic	0	W	W	0	W	W
Gabon	W	0	W	0	0	0
Germany	0	W	W	0	0	0
Kazakhstan	1,568	2,738	4,306	W	W	3,117
Namibia	644	528	1,172	W	W	1,410
Niger	0	W	W	0	0	0
Portugal	0	W	W	0	W	W
Russia	W	W	8,512	4,342	1,630	5,972
South Africa	W	W	1,087	1,839	308	2,147
Ukraine	0	W	W	0	W	W
United Kingdom	0	0	0	W	W	W
Uzbekistan	1,142	3,195	4,337	W	W	4,746
<i>unknown</i>	0	0	0	0	W	W
Foreign Total	23,398	23,063	46,461	16,764	23,333	40,097
United States	5,625	2,578	8,203	7,363	1,806	9,169
Total	29,023	25,641	54,664	24,127	25,139	49,266

W=Data withheld to avoid disclosure.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 23. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

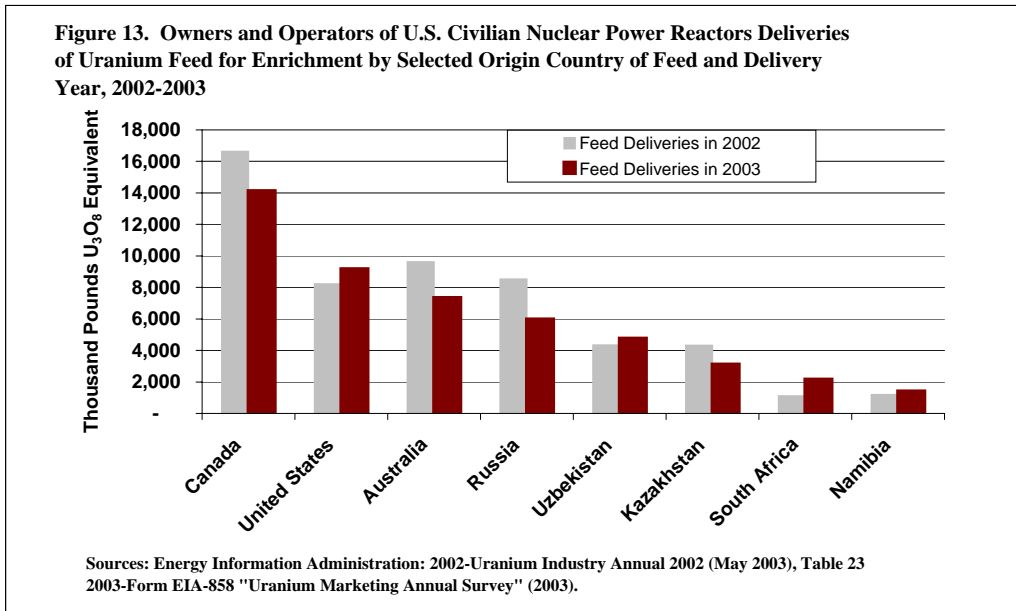


Table 15. Shipments of Uranium Feed by Owners and Operators of U.S. Civilian Nuclear Power Reactors to Domestic and Foreign Enrichment Suppliers, 2004-2013

(Thousand Pounds U₃O₈ Equivalent)

Year of Shipment	Amount to be Shipped		Change from 2002 to 2003	
	As of December 31, 2002	As of December 31, 2003	Annual	Cumulative
2004	56,883	56,232	-651	-651
2005	50,788	52,065	1,277	625
2006	62,552	61,584	-968	-343
2007	55,756	54,198	-1,559	-1,902
2008	54,946	49,848	-5,098	-7,000
2009	59,231	62,372	3,141	-3,859
2010	58,602	54,894	-3,708	-7,567
2011	48,904	52,727	3,823	-3,744
2012	58,939	57,762	-1,177	-4,921
2013	NR	51,508	--	--

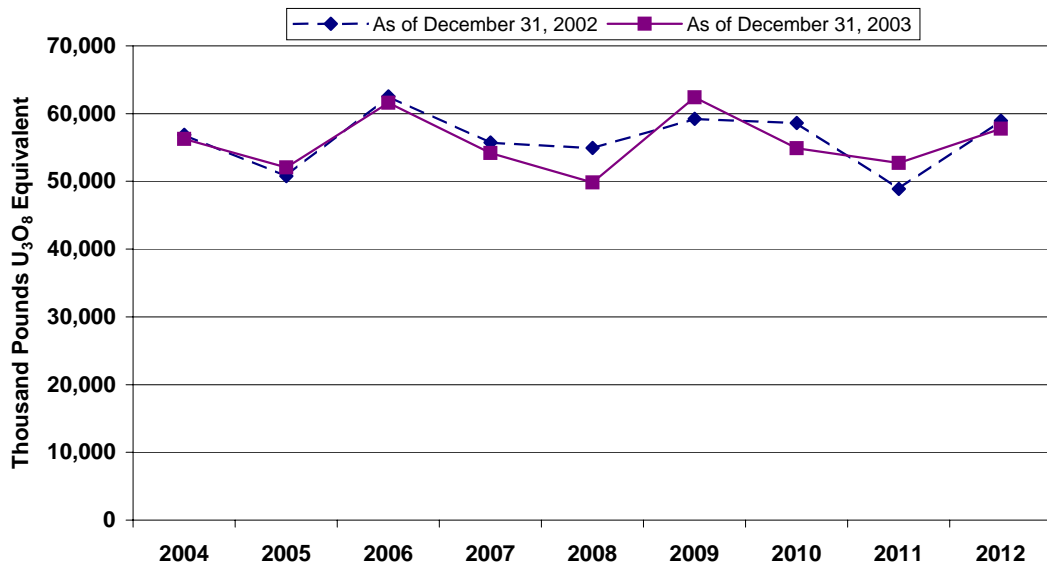
NR=Not reported.

-- = Not applicable.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 24. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 14. Shipments of Uranium Feed by Owners and Operators of U.S. Civilian Nuclear Power Reactors to Domestic and Foreign Enrichment Suppliers, 2004-2012



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 24. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 16. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchases of Enrichment Services by Origin Country and Delivery Year, 2002-2003

(Thousand Separative Work Units (SWU))

Deliveries	2002	2003
Country of Enrichment Service (SWU-origin):		
China	W	W
France	1,958	2,685
Germany	635	660
Netherlands	432	542
Russia	5,048	4,224
United Kingdom	804	1,586
Europe ^a (France, Germany, Netherlands, or United Kingdom) and other	W	W
Foreign Total	9,802	10,328
United States	1,690	1,665
Total	11,492	11,993

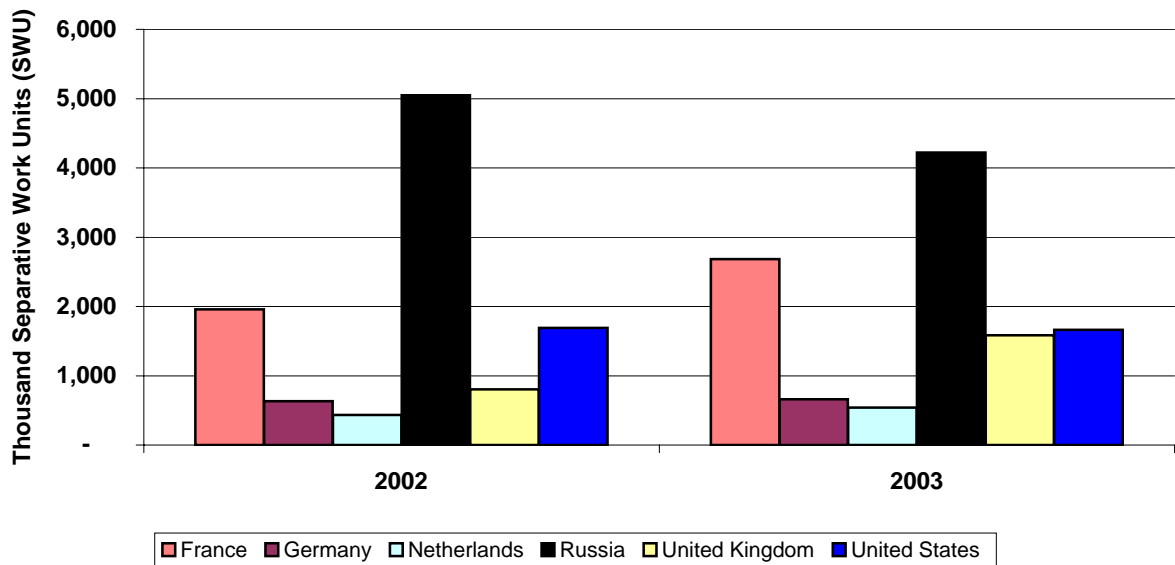
^aSpecific country in Europe was not reported.

W=Data withheld to avoid disclosure.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 25. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 15. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchases of Enrichment Services by Origin Country and Delivery Year, 2002-2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 25. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).



Enrichment Service Sellers to Owners and Operators of U.S. Civilian Nuclear Power Reactors, 2003
China Nuclear Energy Industry Corp. (CNEIC)
COGEMA, Inc.
Itochu Corporation
UG U.S.A., Inc.
Urenco, Inc.
USEC, Inc.

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

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Table 17. Owners and Operators of U.S. Civilian Nuclear Power Reactors Purchases of Enrichment Services by Contract Type in Delivery Year, 2003

(Thousand Separative Work Units (SWU))

Enrichment Service Contract Type	U.S. Enrichment	Foreign Enrichment	Total
Spot	W	W	369
Long-Term	W	W	11,624
Total	1,665	10,328	11,993

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" (2003).

Table 18. Uranium in Fuel Assemblies Loaded into U.S. Civilian Nuclear Power Reactors by Year, 2002-2003

(Thousand Pounds U₃O₈ Equivalent)

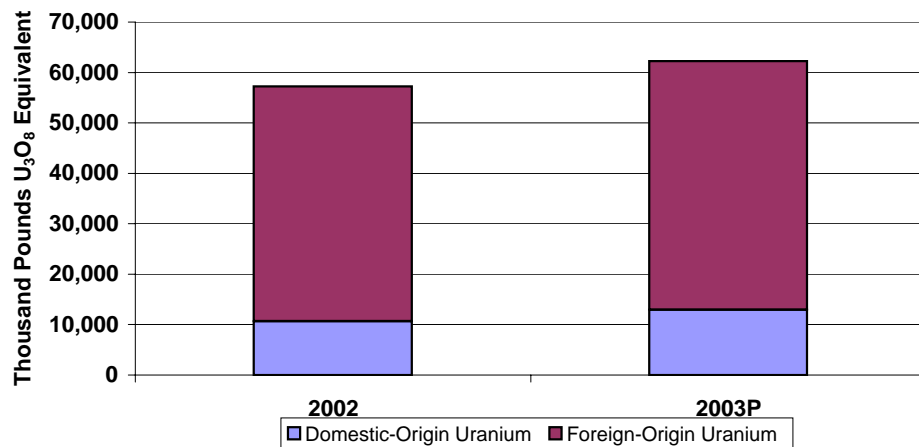
Origin of Uranium	2002	2003 ^P
Domestic-Origin Uranium	10,663	12,928
Foreign-Origin Uranium	46,569	49,344
Total	57,232	62,271

P = Preliminary data. Final 2002 fuel assembly data reported in the 2003 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" (2003).

Figure 16. Uranium in Fuel Assemblies Loaded into U.S. Civilian Nuclear Power Reactors by Year, 2002-2003



P = Preliminary data. Final 2002 fuel assembly data reported in the 2003 survey.

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

Table 19. Foreign Purchases of Uranium by U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2002-2003

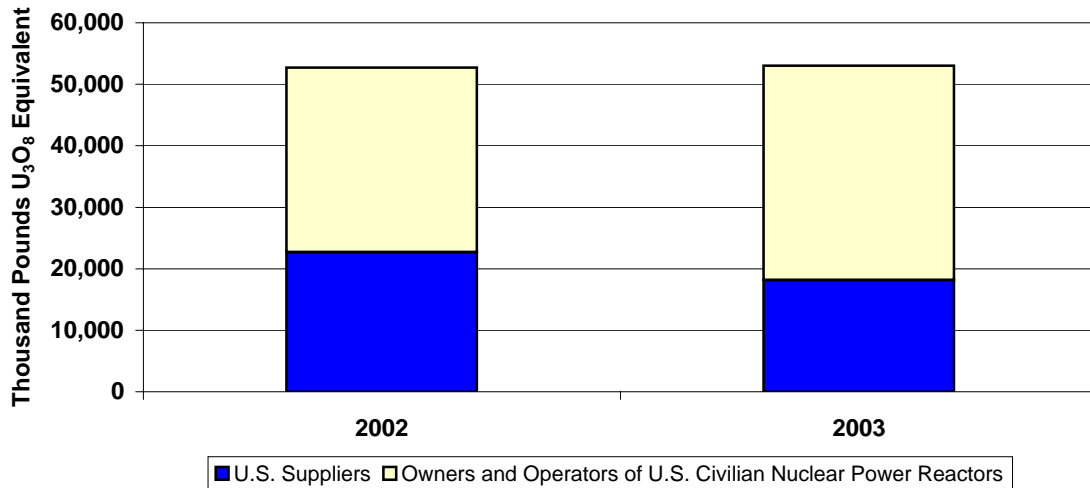
(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

Deliveries	2002	2003
U.S. Suppliers		
Foreign Purchases	22,670	18,153
Weighted-Average Price	9.65	10.19
Owners and Operators of U.S. Civilian Nuclear Power Reactors		
Foreign Purchases	30,029	34,891
Weighted-Average Price	10.37	10.79
Total		
Foreign Purchases	52,699	53,044
Weighted-Average Price	10.05	10.59

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 28. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 17. Foreign Purchases of Uranium by U.S. Suppliers and Owners and Operators of U.S. Civilian Nuclear Power Reactors by Delivery Year, 2002-2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 28. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Table 20. U.S. Broker and Trader Purchases of Uranium by Origin, Supplier, and Delivery Year, 2002-2003

(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

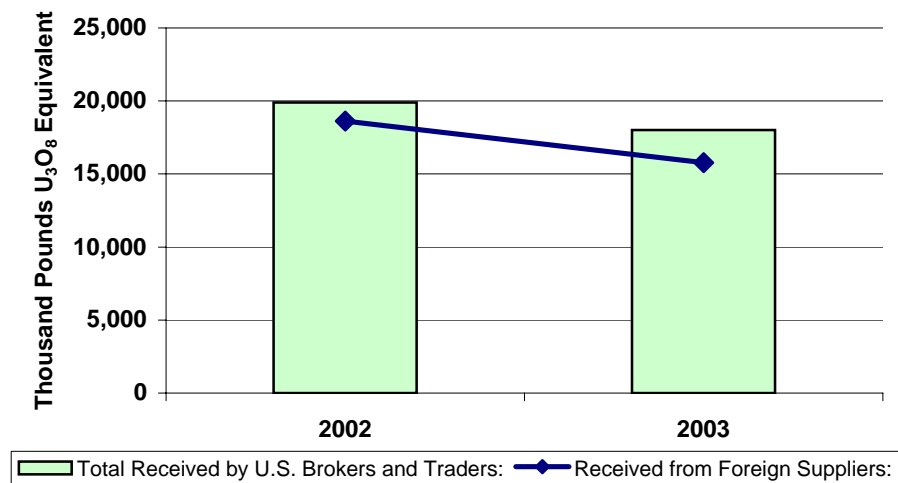
Deliveries	2002	2003
Received U.S.-Origin Uranium:		
Purchases	W	W
Weighted-Average Price	W	W
Received Foreign-Origin Uranium:		
Purchases	W	W
Weighted-Average Price	W	W
Total Received by U.S. Brokers and Traders:		
Purchases	19,896	18,004
Weighted-Average Price	9.69	10.24
Received from Foreign Suppliers:		
Purchases	18,614	15,766
Weighted-Average Price	9.59	10.19

W = Data withheld to avoid disclosure.

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

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 29. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 18. U.S. Broker and Trader Purchases of Uranium by Supplier, and Delivery Year, 2002-2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 29. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

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, 2002-2003

(Thousand Pounds U₃O₈ Equivalent; Dollars per Pound U₃O₈ Equivalent)

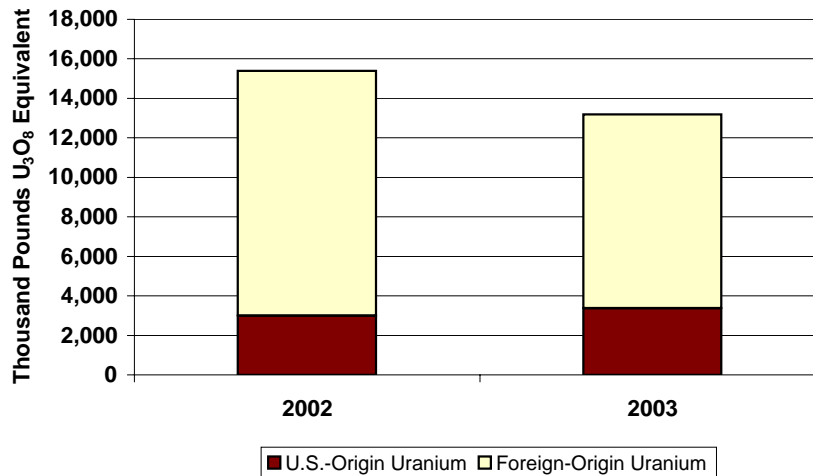
Deliveries to Foreign Suppliers and Utilities	2002	2003
U.S.-Origin Uranium		
Foreign Sales	3,004	3,369
Weighted-Average Price	10.57	10.42
Foreign-Origin Uranium		
Foreign Sales	12,385	9,817
Weighted-Average Price	9.92	10.37
Total Sent:		
Foreign Sales	15,389	13,187
Weighted-Average Price	10.04	10.39
From U.S. Producers, Owners and Operators of U.S. Civilian Nuclear Power Reactors, and other U.S. Suppliers:		
Foreign Sales	4,974	W
Weighted-Average Price	10.64	W
From U.S. Brokers and Traders:		
Foreign Sales	10,415	W
Weighted-Average Price	9.76	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.

Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 30. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

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, 2002-2003



Sources: Energy Information Administration: 2002-Uranium Industry Annual 2002 (May 2003), Table 30. 2003-Form EIA-858 "Uranium Marketing Annual Survey" (2003).

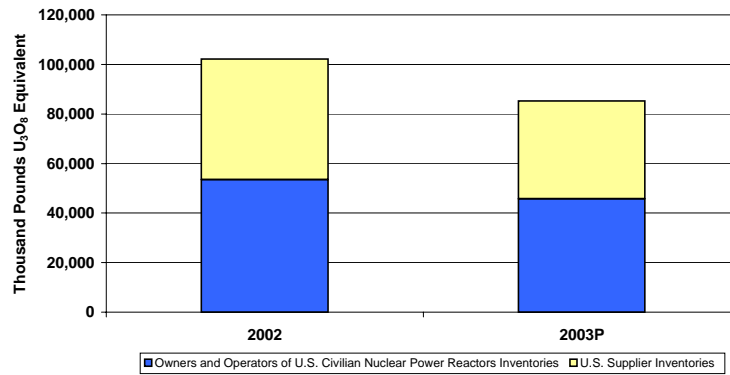
Table 22. Inventories of Natural and Enriched Uranium as of End of Year, 2002-2003
(Thousand Pounds U₃O₈ Equivalent)

Type of Uranium Inventory	Inventories at the End of the Year	
	2002	2003 ^P
Owners and Operators of U.S. Civilian Nuclear Power Reactors Inventories		
Natural Uranium	53,461	45,675
Enriched Uranium ^a	31,029	22,706
U.S. Supplier Inventories		
Natural Uranium	48,653	39,549
Enriched Uranium ^a	W	W
Total Commercial Inventories	102,114	85,224

^aEnriched UF₆ and fabricated fuel not inserted into a reactor.
P=Preliminary data. Final 2002 inventory data reported in the 2003 survey.
W = Data withheld to avoid disclosure.
Note: Totals may not equal sum of components because of independent rounding.

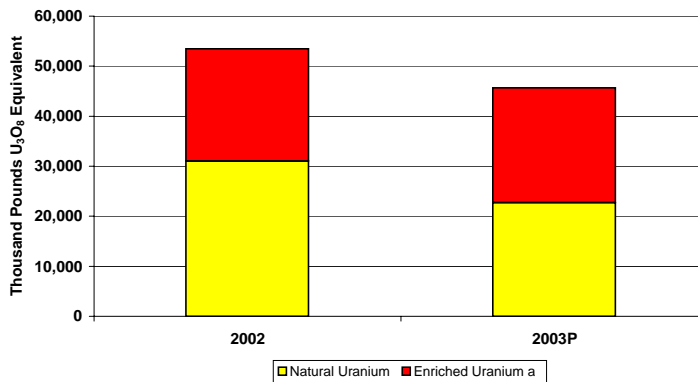
Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 20. Commercial Inventories of Natural and Enriched Uranium as of End of Year, 2002-2003



P=Preliminary data. Final 2002 inventory data reported in the 2003 survey.
Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2003).

Figure 21. Owners and Operators of U.S. Civilian Nuclear Power Reactors Inventories by Material Type as of End of Year, 2002-2003



^a Enriched UF₆ and fabricated fuel not inserted into a reactor.
P=Preliminary data. Final 2002 inventory data reported in the 2003 survey.
Source: Energy Information Administration, Form EIA-858 "Uranium Marketing Annual Survey" (2003).