

Domestic Uranium Production Report - Annual

Data for 2008

Report Date: May 21, 2009

Next Release Date: May 21, 2010

Drilling

U.S. uranium exploration drilling was 5,198 holes covering 2.5 million feet in 2008. Development drilling was 4,157 holes and 2.6 million feet. Combined, total uranium drilling was 9,355 holes covering 5.1 million feet. Expenditures for exploration activities were \$50 million in 2008, and \$82 million for drilling activities.

Mining

U.S. uranium mines produced 3.9 million pounds of uranium in 2008, 15 percent less than in 2007. Ten underground mines produced uranium during 2008, four more than during 2007. Six in-situ-leach mining operations produced uranium, one more than during 2007. Overall, there were 16 mines that operated during part or all of 2008.

Production and Shipments

Total production of U.S. uranium concentrate (yellowcake) in 2008 was 3.9 million pounds U_3O_8 , 14 percent below the 2007 level, from one U.S. mill (White Mesa Mill) and six in-situ-leach plants (Alta Mesa Project, Crow Butte Operation, Kingsville Dome, Rosita, Smith Ranch-Highland Operation, and Vasquez). Shipments of uranium concentrate from this mill and these in-situ leach plants were 4.1 million pounds in 2008, 2 percent above the 2007 level.

Facilities

At the end of 2008, there were four uranium mills located in the United States (with a total capacity of 6,150 short tons of ore per day). Only one mill was operating, with a capacity of 2,000 short tons of ore per day. Also, there were nine uranium in-situ-leach plants (with a total capacity of 12 million pounds U_3O_8 per year). Four in-situ-leach plants were operating, with a combined capacity of 8.5 million pounds U_3O_8 per year.

Employment

Total employment in the U.S. uranium production industry was 1,563 person-years for 2008, an increase of 27 percent from the 2007 total. Mining employment increased the most (48 percent). Uranium exploration, milling and processing employment rose 22 percent, while reclamation employment had little change from 2007 to 2008. Eight States (Arizona, Colorado, Nebraska, New Mexico, Texas, Utah, Washington and Wyoming) accounted for 97 percent of total employment in the uranium production industry.

Expenditures

Total expenditures for land, exploration, drilling, production, and reclamation were \$468 million in 2008, 39 percent more than in 2007. Expenditures on U.S. uranium production, including facility expenses, were the most at \$221 million in 2008. Uranium production expenditures increased 145 percent from 2007 to 2008. Expenditures for land were \$65 million, a 16 percent decrease compared with 2007.

Data for 2008

Report Date: May 21, 2009

Next Release Date: May 21, 2010

Table 1. U.S. Uranium Drilling Activities, 2003-2008

Year	Exploration Drilling		Development Drilling		Exploration and Development Drilling	
	Number of Holes	Feet (thousand)	Number of Holes	Feet (thousand)	Number of Holes	Feet (thousand)
2003	NA	NA	NA	NA	W	W
2004	W	W	W	W	2,185	1,249
2005	W	W	W	W	3,143	1,668
2006	1,473	821	3,430	1,892	4,903	2,713
2007	4,351	2,200	4,996	2,946	9,347	5,146
2008	5,198	2,543	4,157	2,551	9,355	5,093

NA = Not available.

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

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

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008
 Report Date: May 21, 2009
 Next Release Date: May 21, 2010

Table 2. U.S. Uranium Mine Production and Number of Mines and Sources, 2003-2008

Production / Mining Method	2003	2004	2005	2006	2007	2008
Underground (estimated contained thousand pounds U ₃ O ₈)	W	W	W	W	W	W
Open Pit (estimated contained thousand pounds U ₃ O ₈)	0	0	0	0	0	0
In Situ Leaching (thousand pounds U ₃ O ₈)	W	W	2,681	4,259	W	W
Other ¹ (thousand pounds U ₃ O ₈)	W	W	W	W	W	W
Total Mine Production (thousand pounds U ₃ O ₈)	E2,200	2,452	3,045	4,692	4,541	3,879
Number of Mines Operated						
Underground	1	2	4	5	6	10
Open Pit	0	0	0	0	0	0
In Situ Leaching	2	3	4	5	5	6
Other Sources ¹	1	1	2	1	1	1
Total Mines and Sources	4	6	10	11	12	17

¹ Other includes, in various years, mine water, mill site cleanup and mill tailings, and well field restoration as sources of uranium.

E = Estimated data.

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

Notes: Totals may not equal sum of components because of independent rounding. Table does not include byproduct production and sources. The 2003 annual production amount was estimated by rounding to the nearest 200,000 pounds to avoid disclosure of individual company data.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008
 Report Date: May 21, 2009
 Next Release Date: May 21, 2010

Table 3. U.S. Uranium Concentrate Production and Shipments, 2003-2008

U.S. Mills	2003	2004	2005	2006	2007	2008
Estimated contained U₃O₈ (thousand pounds)						
Ore from Mines and Stockpiles Fed to Mills ¹	0	W	W	W	0	W
Other Feed Materials ²	W	W	W	W	W	W
Total Mill Feed	W	W	W	W	W	W
Uranium Concentrate Produced at U.S. Mills						
(thousand pounds U ₃ O ₈)	W	W	W	W	W	W
Uranium Concentrate Produced at U.S. In-Situ-Leach Plants						
(thousand pounds U ₃ O ₈)	W	W	W	W	W	W
Total Uranium Concentrate Production						
(thousand pounds U ₃ O ₈)	E2,000	2,282	2,689	4,106	4,534	3,902
Total Uranium Concentrate Shipped From U.S. Mills and In-Situ-Leach Plants						
(thousand pounds U ₃ O ₈)	E1,600	2,280	2,702	3,838	4,050	4,130

¹ Uranium ore "fed to mills" in any year can include: ore mined and shipped to a mill during the same year, ore that was mined during a prior year and later shipped from mine-site stockpiles, and/or ore obtained from drawdowns of stockpiles maintained at a mill site.

² Includes for various years uranium from mill cleanup, mine water, tailings water, and other materials.

E = Estimated data.

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

Notes: The 2003 annual amounts were estimated by rounding to the nearest 200,000 pounds to avoid disclosure of individual company data. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008
 Report Date: May 21, 2009
 Next Release Date: May 21, 2010

Table 4. U.S. Uranium Mills by Owner, Capacity, and Operating Status at End of the Year, 2003-2008

Mill Owner(s)	Mill Name	Milling Capacity ¹ (short tons of ore per day)	Operating Status at End of the Year					
			2003	2004	2005	2006	2007	2008
Cotter Corporation	Canon City Mill	400	Standby	Operating	Operating	Standby	Standby	Standby
Denison White Mesa L.L.C.	White Mesa Mill	2,000	Standby	Standby	Operating-Processing Alternate Feed	Operating-Processing Alternate Feed	Operating-Processing Alternate Feed	Operating
Energy Fuels Resources Corp. Kennecott Uranium	Piñon Ridge Mill	1,000	-	-	-	-	-	Developing
Company/Wyoming Coal Resource Company	Sweetwater Uranium Project	3,000	Standby	Standby	Standby	Standby	Standby	Standby
Uranium One Utah, Inc.	Shootaring Canyon Uranium Mill	750	Reclamation	Reclamation	Reclamation	Standby	Changing License To Operational	Changing License To Operational
Total Milling Capacity:		7,150						

¹ Milling capacity based on most recent report.

- = No data reported.

Note: An operating status of "operating" usually indicates the mill was producing uranium concentrate at the end of the year.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008
 Report Date: May 21, 2009
 Next Release Date: May 20, 2010

Table 5. U.S. Uranium In-Situ-Leach Plants by Owner, Capacity, and Operating Status at End of the Year, 2003-2008

In-Situ-Leach Plant Owner	In-Situ-Leach Plant Name	Production Capacity ¹ (pounds U ₃ O ₈ per year)	Operating Status at End of the Year					
			2003	2004	2005	2006	2007	2008
COGEMA Mining, Inc.	Christensen Ranch	650,000	Reclamation	Reclamation	Reclamation	Reclamation	Operational	Standby
COGEMA Mining, Inc.	Irigaray Ranch	-	Reclamation	Reclamation	Reclamation	Reclamation	Inactive	Standby
COGEMA Mining, Inc.	Texas Operations	-	Reclamation	Reclamation	Reclamation	Reclamation	Reclamation	Reclamation
Cameco Corporation	Crow Butte Operation	1,000,000	Producing	Producing	Operating	Operating	Operating	Operating
HRI, Inc.	Church Rock	1,000,000	Permitted And Licensed	Permitted And Licensed	Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
HRI, Inc.	Crownpoint	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Lost Creek ISR LLC	Lost Creek Project	2,000,000	-	-	-	-	-	Developing
Mestena Uranium LLC	Alta Mesa Project	1,000,000	Development	Pending	Operational	Operational	Producing	Producing
Power Resources, Inc. dba Cameco Resources	Smith Ranch-Highland Operation	5,500,000	Producing	Producing	Operating	Operating	Operating	Operating
Powertech Uranium Corp.	Centennial Project	-	-	-	-	-	-	Undeveloped
Powertech Uranium Corp.	Dewey Burdock Project	-	-	-	-	-	-	Undeveloped
South Texas Mining Venture, LLP	Hobson ISR Plant	1,000,000	Close Indefinitely	Close Indefinitely	Standby	Standby	Under Construction	Permitted And Licensed
South Texas Mining Venture, LLP	La Palangana	1,000,000	-	-	-	Developing	Partially Permitted And Licensed	Partially Permitted And Licensed
URI, Inc.	Kingsville Dome	1,000,000	Standby	Standby	Standby	Operational	Producing	Producing
URI, Inc.	Rosita	1,000,000	Depleted	Depleted	Standby	Standby	Standby	Standby
URI, Inc.	Vasquez	800,000	Partially Developed	Producing	Producing	Producing	Producing	Restoration
Uranez Energy Corporation	Nichols Ranch ISR Project	-	-	-	-	-	-	Developing
Uranium Energy Corporation	Goliad ISR Uranium Project	-	-	-	-	-	-	Partially Permitted And Licensed
Uranium Energy Corporation	Nichols Project	-	-	-	-	-	-	Developing
Uranium One, Inc.	Jab and Antelope	2,000,000	-	-	-	-	-	Developing
Uranium One, Inc.	Moore Ranch	2,000,000	-	-	-	-	-	Developing
Total Production Capacity:		20,950,000						

¹ Capacity based on most recent report

- = No data reported.

Note: An operating status of "operating" and "operational" usually indicates the in-situ-leach plant was producing uranium concentrate at the end of the year.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008

Report Date: May 21, 2009

Next Release Date: May 21, 2010

**Table 6. Employment in the U.S. Uranium Production Industry by Category, 2003-2008
(Person-Years)**

Year	Employment Categories					
	Exploration	Mining	Milling	Processing	Reclamation	Total
2003	W	W	W	W	117	321
2004	18	108	W	W	121	420
2005	79	149	142	154	124	648
2006	188	121	W	W	155	755
2007	375	378	107	216	155	1,231
2008	457	558	W	W	154	1,563

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

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

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008

Report Date: May 21, 2009

Next Release Date: May 21, 2010

**Table 7. Employment in the U.S. Uranium Production Industry by State, 2003-2008
(Person-Years)**

State(s)	2003	2004	2005	2006	2007	2008
Wyoming	134	139	181	195	245	301
Colorado and Texas	48	140	269	263	557	696
Nebraska and New Mexico	92	102	123	160	149	160
Arizona, Utah and Washington	47	40	75	120	245	360
Alaska, Michigan, Nevada, and South Dakota	0	0	0	16	25	30
Others	0	0	0	0	9	17
Total	321	420	648	755	1,231	1,563

Notes: Totals may not equal sum of components because of independent rounding. Others include Montana, North Dakota, Oklahoma and Virginia.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008

Report Date: May 21, 2009

Next Release Date: May 21, 2010

Table 8. U.S. Uranium Expenditures, 2003-2008
(Million Dollars)

Year	Drilling	Production	Land and Other:			Total Expenditures	
			Total Land and Other:	Land	Exploration		Reclamation
2003	W	W	31.3	NA	NA	NA	W
2004	10.6	27.8	48.4	NA	NA	NA	86.9
2005	18.1	58.2	59.7	NA	NA	NA	136.0
2006	40.1	65.9	115.2	41.0	23.3	50.9	221.2
2007	67.5	90.4	178.2	77.7	50.3	50.2	336.2
2008	81.9	221.2	164.4	65.2	50.2	49.1	467.6

Drilling: All expenditures directly associated with exploration and development drilling.

Production: All expenditures for mining, milling, processing of uranium, and facility expense.

Land and Other: All expenditures for: land; geological research; geochemical, and geophysical surveys; costs incurred by field personnel in the course of exploration, reclamation and restoration work; and overhead and administrative charges directly associated with supervising and supporting field activities.

NA = Not available.

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

Notes: Expenditures are in nominal U.S. dollars. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

Data for 2008
 Report Date: May 21, 2009
 Next Release Date: May 21, 2010

Table 9. Summary Production Statistics of the U.S. Uranium Industry, 1993-2008

Items	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	E2003	2004	2005	2006	2007	2008
Exploration and Development																
Surface Drilling (million feet)	1.1	0.7	1.3	3.0	4.9	4.6	2.5	1.0	0.7	W	W	1.2	1.7	2.7	5.1	5.1
Drilling Expenditures (million dollars) ¹	5.7	1.1	2.6	7.2	20.0	18.1	7.9	5.6	2.7	W	W	10.6	18.1	40.1	67.5	81.9
Mine Production of Uranium																
(million pounds U ₃ O ₈)	2.1	2.5	3.5	4.7	4.7	4.8	4.5	3.1	2.6	2.4	2.2	2.5	3.0	4.7	4.5	3.9
Uranium Concentrate Production																
(million pounds U ₃ O ₈)	3.1	3.4	6.0	6.3	5.6	4.7	4.6	4.0	2.6	2.3	2.0	2.3	2.7	4.1	4.5	3.9
Uranium Concentrate Shipments																
(million pounds U ₃ O ₈)	3.4	6.3	5.5	6.0	5.8	4.9	5.5	3.2	2.2	3.8	1.6	2.3	2.7	3.8	4.0	4.1
Employment																
(person-years)	871	980	1,107	1,118	1,097	1,120	848	627	423	426	321	420	648	755	1,231	1,563

¹ Expenditures are in nominal U.S. dollars.

E = Estimated data.

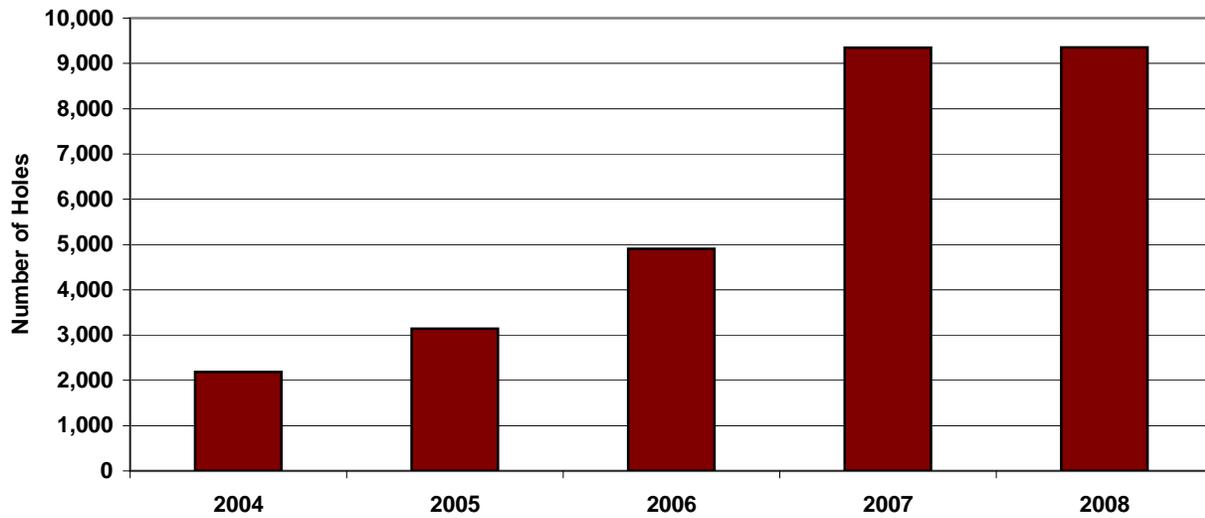
W = Data withheld to avoid disclosure of individual company data.

Note: The 2003 annual production and shipment amounts were estimated by rounding to the nearest 200,000 pounds to avoid disclosure of individual company data.

Source: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2008-Form EIA-851A, "Domestic Uranium Production Report" (2003-2008).

Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

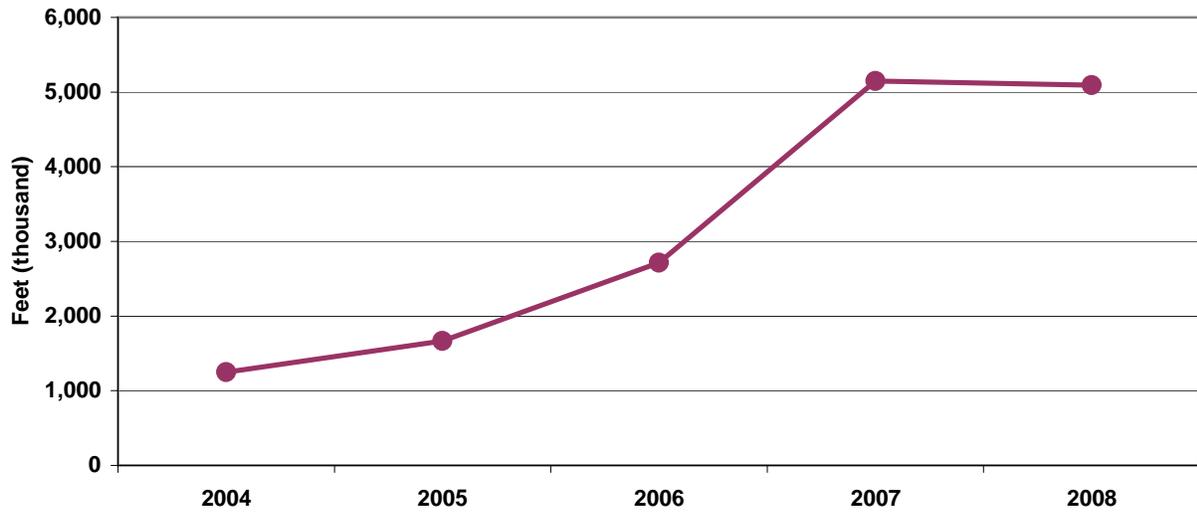
Figure 1. U.S. Uranium Drilling by Number of Holes, 2004-2008



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2008)

Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

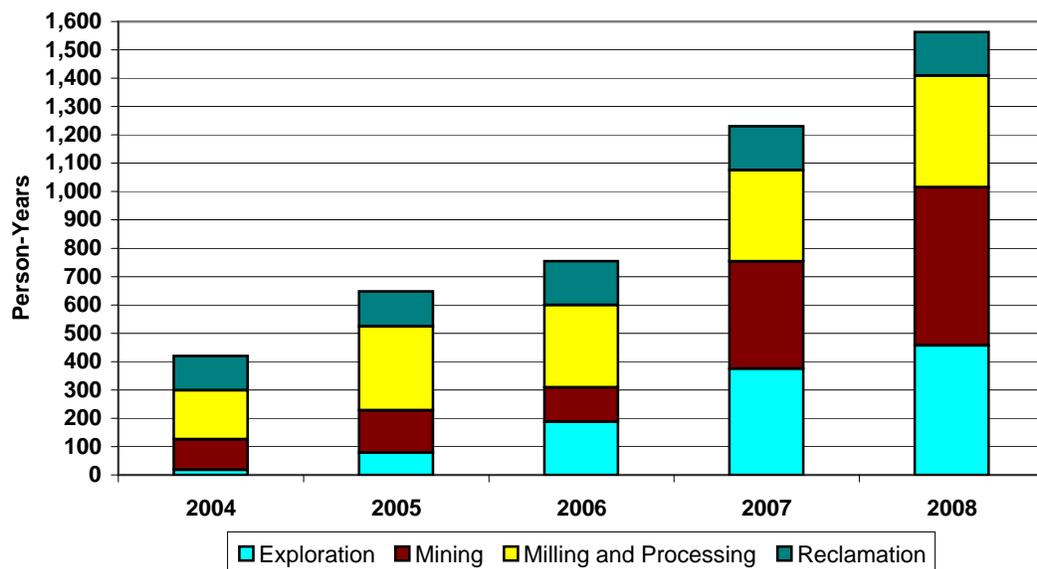
Figure 2. U.S. Uranium Drilling in Footage, 2004-2008



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report"
(2004-2008)

Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

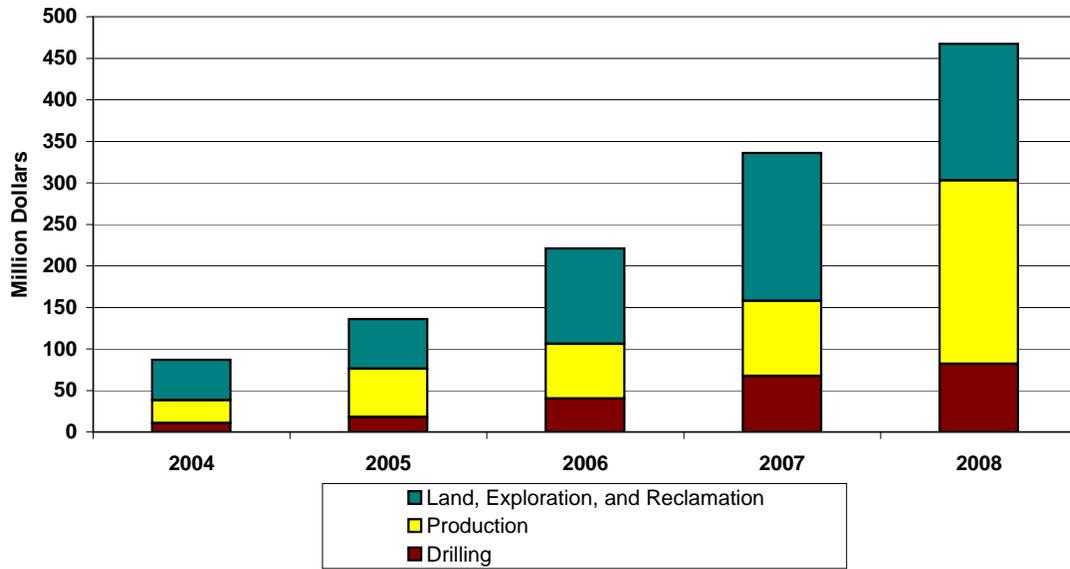
Figure 3. Employment in the U.S. Uranium Production Industry by Category, 2004-2008



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2008)

Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

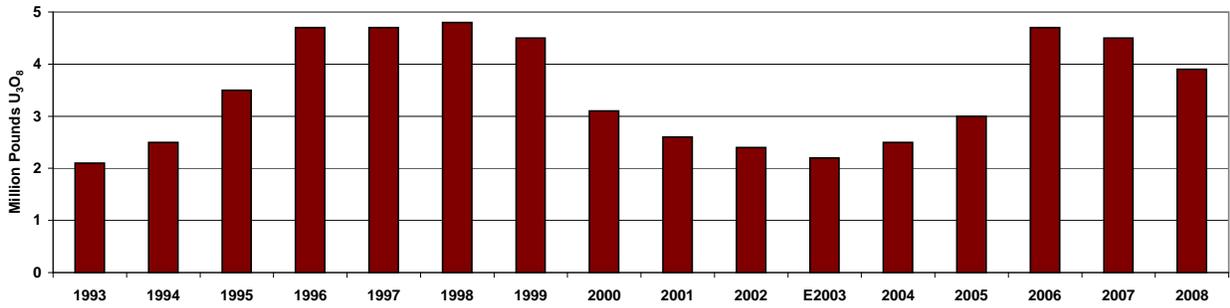
Figure 4. U.S. Uranium Expenditures, 2004-2008



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2008)

Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

Figure 5. U.S. Mine Production of Uranium, 1993-2008

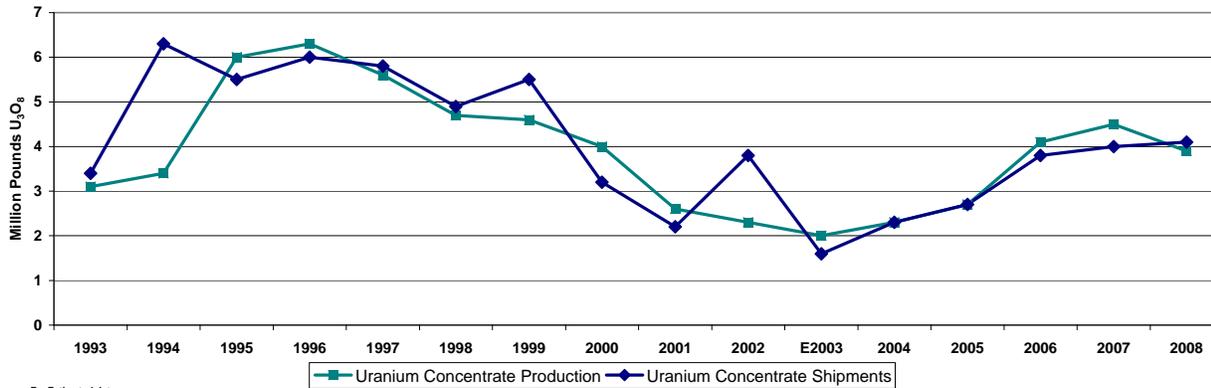


E = Estimated data.

Sources: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2008-Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)

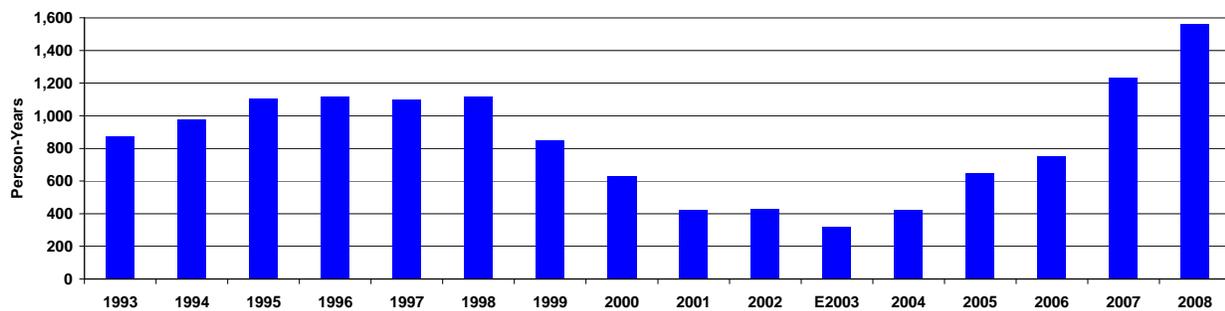
Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

Figure 6. U.S. Uranium Concentrate Production and Shipments, 1993-2008



Data for 2008
Report Date: May 21, 2009
Next Release Date: May 21, 2010

Figure 7. Employment in the U.S. Production Industry, 1993-2008



Sources: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2008-Form EIA-851A, "Domestic Uranium Production Report" (2003-2008)