

## Domestic Uranium Production Report

Data for 2007

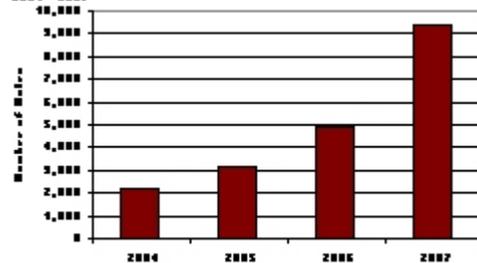
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### Drilling

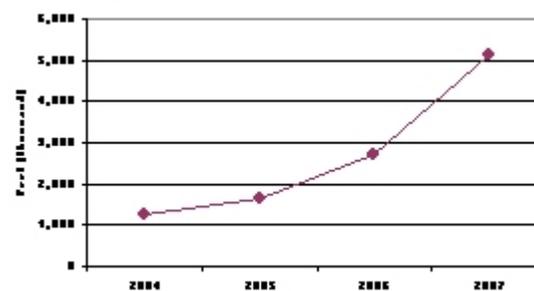
U.S. uranium exploration drilling was 4,351 holes covering 2.2 million feet in 2007. Development drilling was 4,996 holes and 2.9 million feet. Combined, total U.S. uranium drilling was 9,347 holes covering 5.1 million feet, 90 percent more than the 2.7 million feet in 2006. Expenditures for exploration activities were \$50.3 million in 2007, and \$67.5 million for drilling activities in the United States.

Figure 1. U.S. Uranium Drilling by Number of Holes, 2004 - 2007



Source: Energy Information Administration; Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

Figure 2. U.S. Uranium Drilling in Footage, 2004 - 2007



Source: Energy Information Administration; Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

### Mining

U.S. uranium mines produced 4.5 million pounds of uranium oxide ( $U_3O_8$ ) in 2007, 3 percent less than in 2006. Six underground mines produced uranium during 2007, one more than in 2006. Five in-situ-leach mining operations produced uranium in the United States for the last two years. Overall, there were 11 mines in the United States that produced uranium during part or all of 2007.

### Production

Total production of U.S. uranium concentrate (yellowcake) in 2007 was 4.5 million pounds  $U_3O_8$ , 10 percent above the 2006 level, from one U.S. mill, White Mesa Mill, and 5 in-situ-leach plants (Crow Butte, Alta Mesa Project, Smith Ranch-Highland Uranium Project, Kingsville Dome and Vasquez). Shipments of uranium

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#### Other Reports

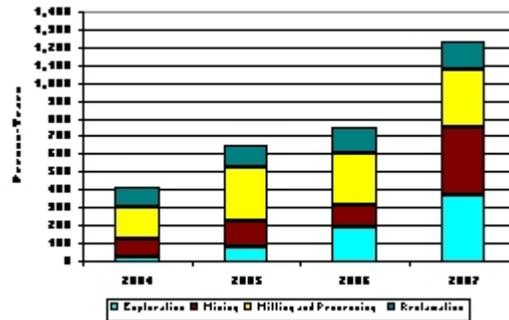
- [Domestic Uranium Production Report - Quarterly](#)
- [2006 Uranium Marketing Annual Report](#)
- [2006 Domestic Uranium Production Report](#) 

concentrate from this mill and these in-situ leach plants were 4.0 million pounds in 2007, 6 percent above the 2006 level.

## Employment

Total employment in the U.S. uranium production industry was 1,231 person-years for 2007, an increase of 63 percent from the 2006 total. Mining employment increased the most (213 percent) and exploration employment showed the second largest increase (100 percent). Uranium milling and processing employment rose 11 percent, while reclamation employment did not change from 2006 to 2007.

**Figure 3. Employment in the U.S. Uranium Production Industry by Category, 2004 - 2007**

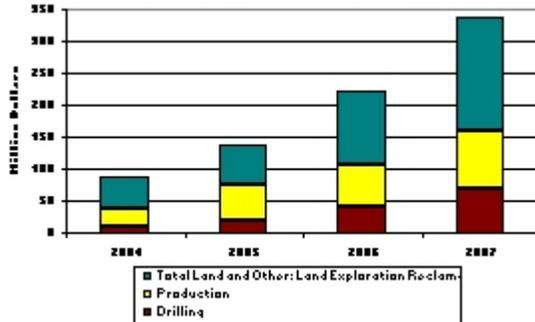


Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

## Expenditures

Total expenditures for land, exploration, drilling, production, and reclamation were \$336.2 million in 2007, 52 percent more than in 2006. Expenditures on U.S. uranium production were the most at \$90.4 million in 2007. U.S. uranium exploration expenditures increased the most (116 percent) from 2006 to 2007. Expenditures for land were \$77.7 million, a 90 percent increase compared with 2006.

**Figure 4. U.S. Uranium Expenditures, 2004 - 2007**



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

# Summary Production Statistics of the U.S. Uranium Industry, 1993-2007

Figure 5. U.S. Mine Production of Uranium, 1993 - 2007

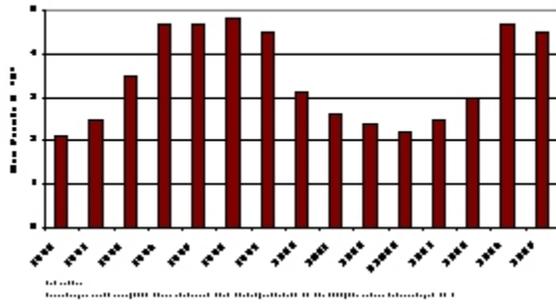


Figure 6. U.S. Uranium Concentrate Production and Shipments, 1993 - 2007

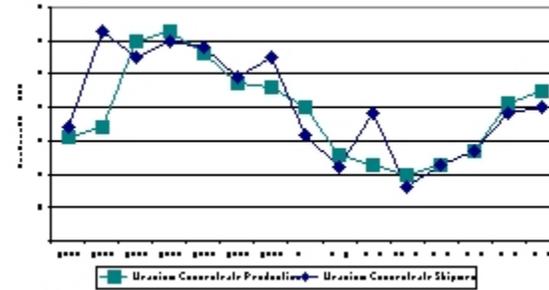
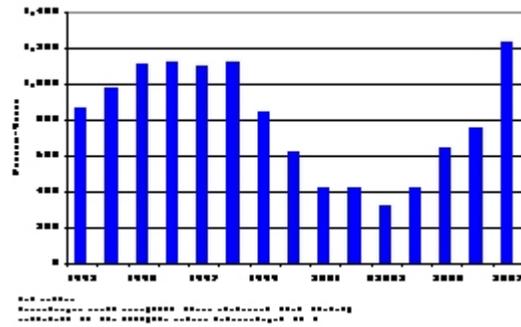


Figure 7. Employment in the U.S. Production Industry, 1993 - 2007



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## U.S. Uranium Drilling Activities

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**Table 1. U.S. Uranium Drilling Activities, 2003 - 2007**

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

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" (2003-2007)

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## U.S. Uranium Mine Production and Number of Mines and Sources

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**Table 2. U.S. Uranium Mine Production and Number of Mines and Sources, 2003 - 2007**

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

<sup>1</sup> 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" (2003-2007)



## U.S. Uranium Concentrate Production and Shipments

Data for 2007

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**Table 3. U.S. Uranium Concentrate Production and Shipments, 2003-2007**

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

<sup>1</sup> 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.

<sup>2</sup> 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" (2003-2007)




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## U.S. Uranium Mills by Owner, Capacity, and Operating Status at End of the Year

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**Table 4. U.S. Uranium Mills by Owner, Capacity, and Operating Status at End of the Year, 2003 - 2007**

Mill Owner(s)	Mill Name	Milling Capacity <sup>1</sup> (short tons of ore per day)	Operating Status at End of the Year				
			2003	2004	2005	2006	2007
Cotter Corporation	Canon City Mill	400	Standby	Operating	Operating	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
Kennecott Uranium Company/Wyoming Coal Resource Company	Sweetwater Uranium Project	3,000	Standby	Standby	Standby	Standby	Standby
Uranium One Utah, Inc.	Shootaring Canyon Uranium Mill	750	Reclamation	Reclamation	Reclamation	Standby	Changing License To Operational
<b>Total Milling Capacity:</b>		<b>6,150</b>					

<sup>1</sup> Milling capacity based on most recent report.

Note: An operating status of "operating" and "operational" 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" (2003-2007)

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

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**Table 5. U.S. Uranium In-Situ-Leach Plants by Owner, Capacity, and Operating Status at End of the Year, 2003 - 2007**

In-Situ-Leach Plant Owner	In-Situ-Leach Plant Name	Production Capacity <sup>1</sup> (pounds U <sub>3</sub> O <sub>8</sub> per year)	Operating Status at End of the Year				
			2003	2004	2005	2006	2007
COGEMA Mining, Inc.	Christensen Ranch	650,000	Reclamation	Reclamation	Reclamation	Reclamation	Changing License To Operational
COGEMA Mining, Inc.	Irigaray Ranch	-	Reclamation	Reclamation	Reclamation	Reclamation	Inactive
COGEMA Mining, Inc.	Texas Operations	-	Reclamation	Reclamation	Reclamation	Reclamation	Reclamation
Crow Butte Resources, Inc.	Crow Butte	1,000,000	Producing	Producing	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
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
Mestena Uranium LLC	Alta Mesa Project	1,000,000	Development	Pending	Operational	Operational	Producing
Power Resources, Inc.	Smith Ranch-Highland Uranium Project	5,500,000	Producing	Producing	Operating	Operating	Operating
South Texas Mining Venture, LLP	Hobson ISR Plant	1,000,000	Close Indefinitely	Close Indefinitely	Standby	Standby	Under Construction
South Texas Mining Venture,LLP	La Palangana	1,000,000	-	-	-	Developing	Partially Permitted And Licensed
URI, Inc.	Kingsville Dome	1,000,000	Standby	Standby	Standby	Operational	Producing
URI, Inc.	Rosita	1,000,000	Depleted	Depleted	Standby	Standby	Standby
URI, Inc.	Vasquez	800,000	Partially Developed	Producing	Producing	Producing	Producing
<b>Total Production Capacity:</b>		<b>14,950,000</b>					

<sup>1</sup> 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" (2003-2007)



## Employment in the U.S. Uranium Production Industry by Category

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**Table 6. Employment in the U.S. Uranium Production Industry by Category, 2003 - 2007  
(Person-Years)**

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

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" (2003-2007)

## Employment in the U.S. Uranium Production Industry by State

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**Table 7. Employment in the U.S. Uranium Production Industry by State, 2003 - 2007  
(Person-Years)**

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

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" (2003-2007)

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## U.S. Uranium Expenditures

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**Table 8. U.S. Uranium Expenditures, 2003 - 2007**  
 (Million Dollars)

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

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.

Note: 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" (2003-2007)

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## Summary Production Statistics of the U.S. Uranium Industry

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**Table 9. Summary Production Statistics of the U.S. Uranium Industry, 1993 - 2007**

Items	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	E2003	2004	2005	2006	2007
<b>Exploration and Development</b>															
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
Drilling Expenditures (million dollars) <sup>1</sup>	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
<b>Mine Production of Uranium</b>															
(million pounds U <sub>3</sub> O <sub>8</sub> )	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
<b>Uranium Concentrate Production</b>															
(million pounds U <sub>3</sub> O <sub>8</sub> )	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
<b>Uranium Concentrate Shipments</b>															
(million pounds U <sub>3</sub> O <sub>8</sub> )	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
<b>Employment</b>															
(person-years)	871	980	1,107	1,118	1,097	1,120	848	627	423	426	321	420	648	755	1,231

<sup>1</sup> 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. 2003-2007-Form EIA-851A, "Domestic Uranium Production Report" (2003-2007).



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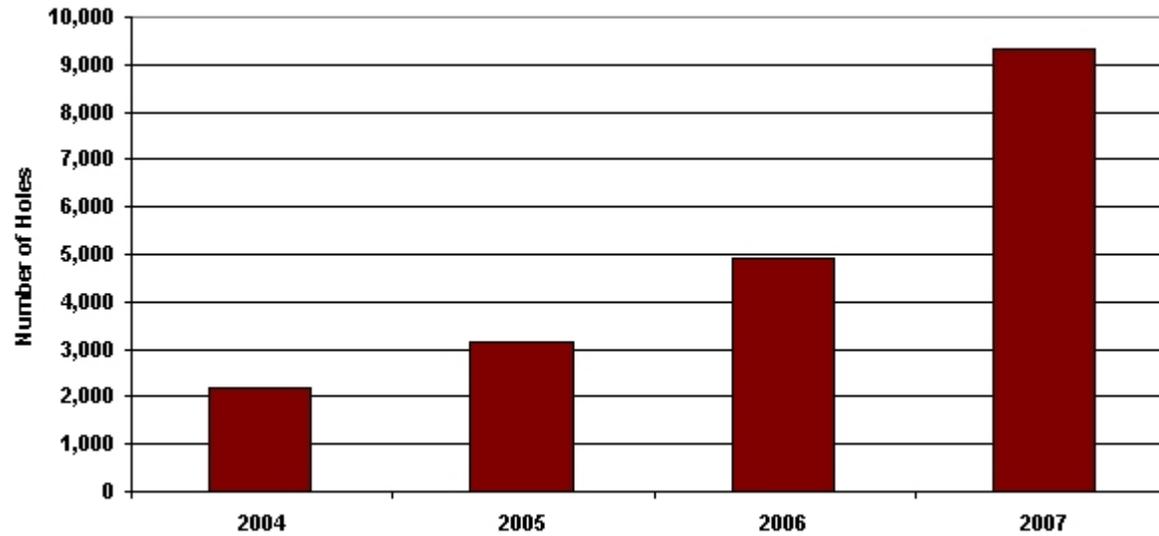
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## U.S. Uranium Drilling by Number of Holes

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Figure 1. U.S. Uranium Drilling by Number of Holes, 2004 - 2007



Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

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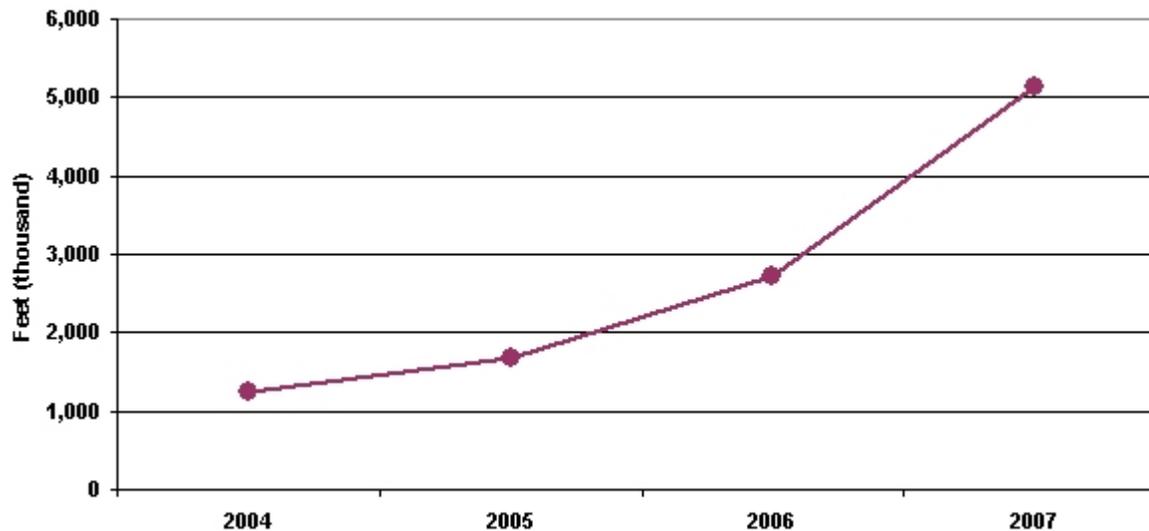
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## U.S. Uranium Drilling in Footage

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Figure 2. U.S. Uranium Drilling in Footage, 2004 - 2007



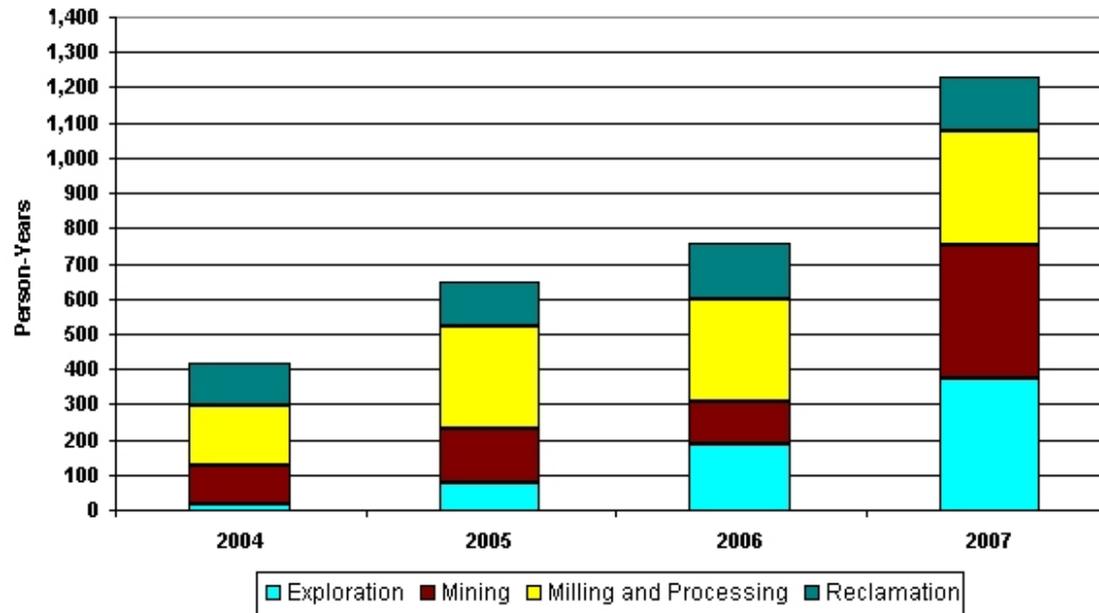
Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)



## Employment in the U.S. Uranium Production Industry by Category

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Figure 3. Employment in the U.S. Uranium Production Industry by Category, 2004 - 2007

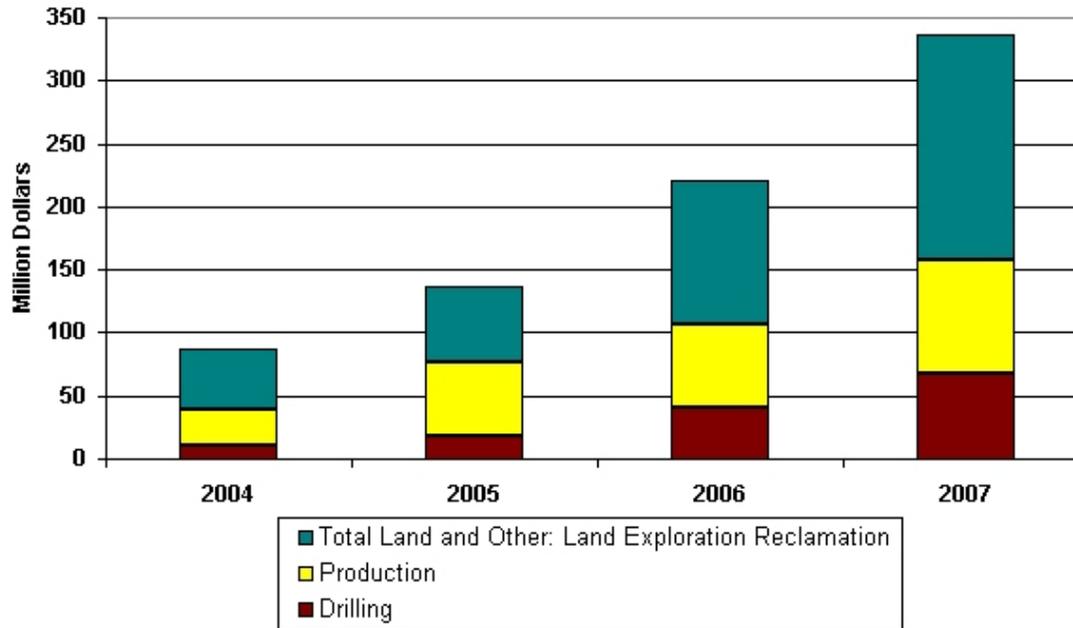


Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

## U.S. Uranium Expenditures

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Figure 4. U.S. Uranium Expenditures, 2004 - 2007

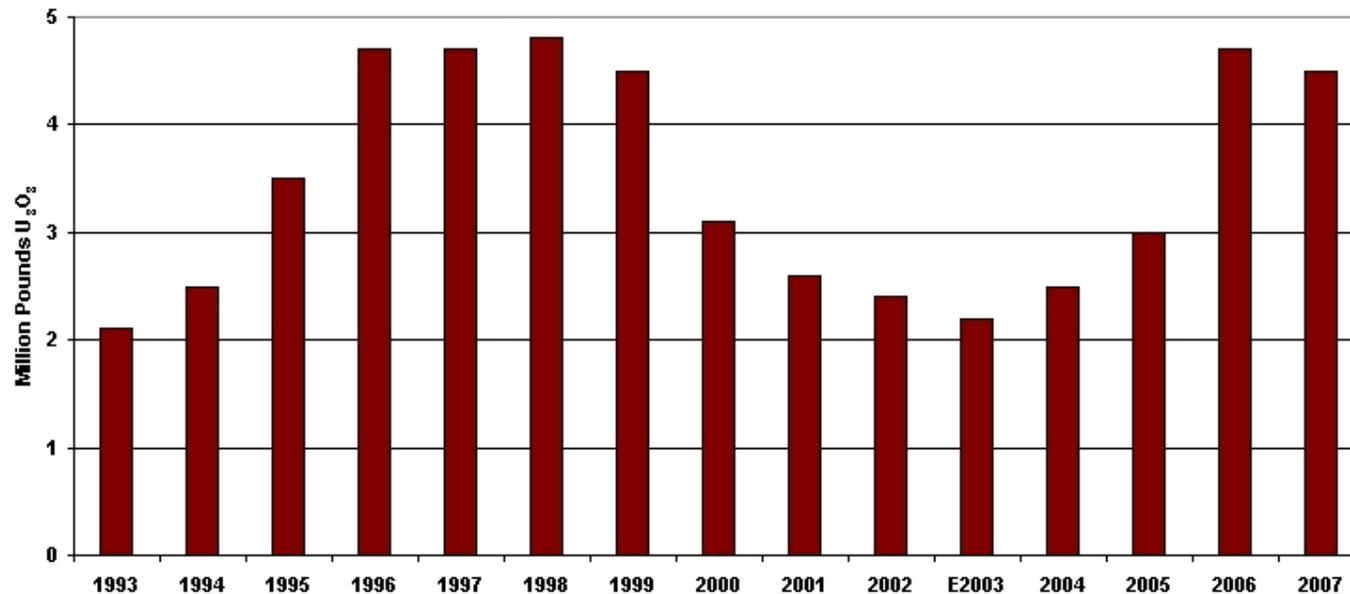


Source: Energy Information Administration: Form EIA-851A, "Domestic Uranium Production Report" (2004-2007)

## U.S. Uranium Mine Production

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Figure 5. U.S. Mine Production of Uranium, 1993 - 2007



E = Estimated data.

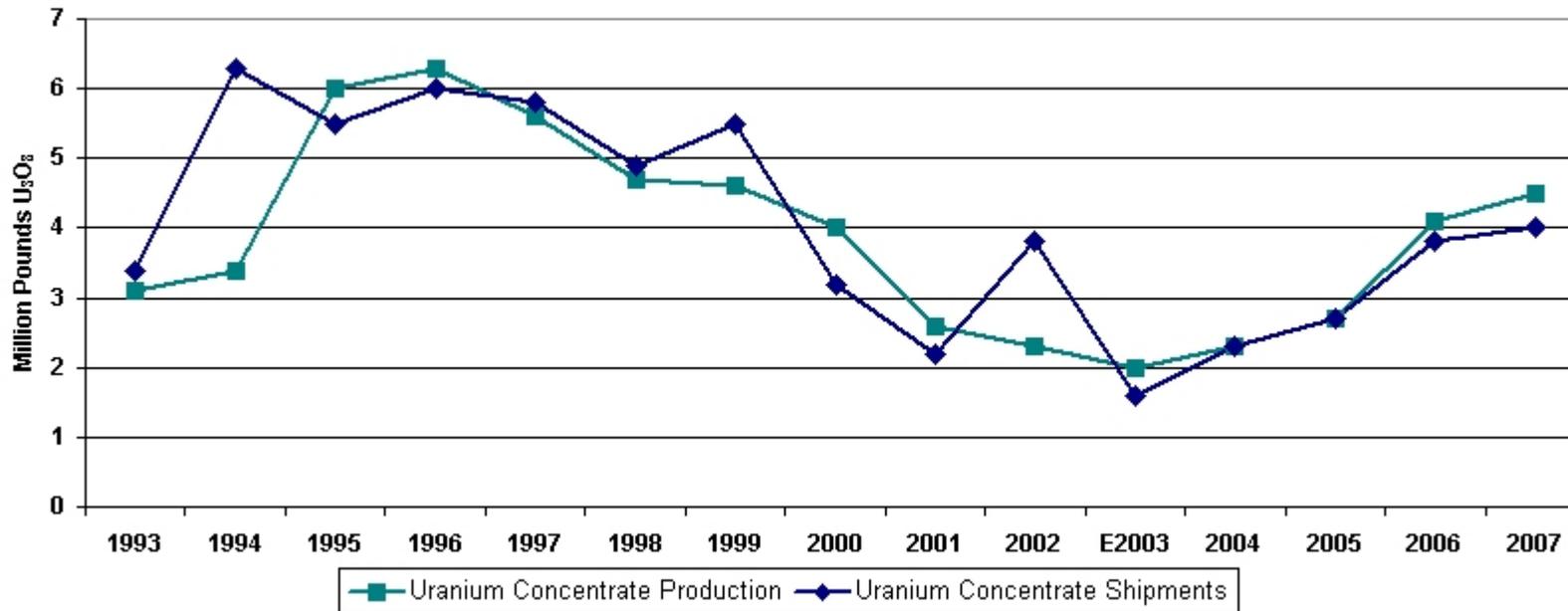
Sources: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2007-Form EIA-851A, "Domestic Uranium Production Report" (2003-2007)



## U.S. Uranium Concentrate Production and Shipments

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Figure 6. U.S. Uranium Concentrate Production and Shipments, 1993 - 2007



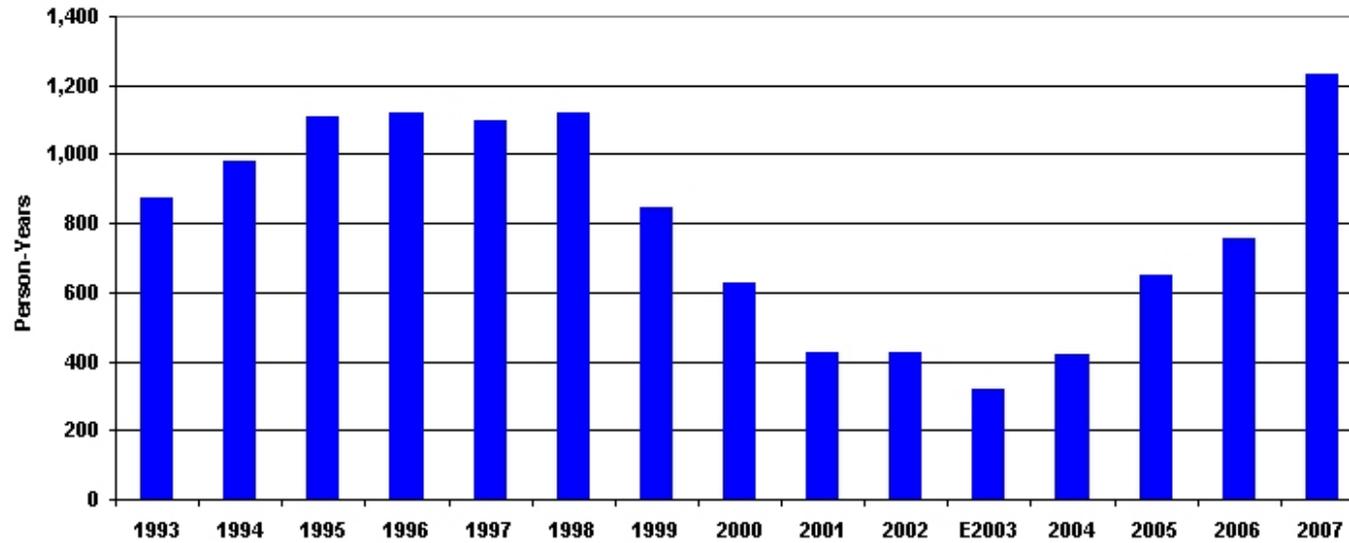
E = Estimated data.  
Sources: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2007-Form EIA-851A, "Domestic Uranium Production Report" (2003-2007)



## Employment in the U.S. Uranium Production Industry

Data for 2007  
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Figure 7. Employment in the U.S. Production Industry, 1993 - 2007



E = Estimated data.

Sources: Energy Information Administration: 1993-2002-Uranium Industry Annual 2002 (May 2003), Table H1 and Table 2. 2003-2007-Form EIA-851A, "Domestic Uranium Production Report" (2003-2007)