



Domestic Uranium Production Report - Quarterly

Data for 2nd Quarter 2008
Report Date: August 5, 2008
Next Release Date: November 15, 2008

2nd Quarter 2008 Uranium Production

Production of uranium concentrate in the United States was 1,073,315 pounds uranium oxide (U₃O₈) for the second quarter 2008, 32 percent higher than the previous quarter, but 4 percent lower compared with the second quarter 2007 production. One U.S. mill (White Mesa Mill) and five U.S. in-situ-leach plants (Alta Mesa Project, Crow Butte Operation, Kingsville Dome, Smith Ranch-Highland Operation, and Vasquez) produced uranium concentrate during the second quarter 2008. At the end of June 2008, the White Mesa Mill was milling uranium-bearing ore taken from mines. For about the last three years, the facility milled alternate feed only.

For the first half of 2008, U.S. uranium concentrate production totaled 1,883,504 pounds U₃O₈. This amount is 17 percent lower compared with the 2,282,273 pounds produced during the first half of 2007.

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1. Uranium Concentrate Production in the United States

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Total Production of Uranium Concentrate in the United States

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Table 1. Total Production of Uranium Concentrate in the United States, 1996 - 2nd Quarter 2008
(Pounds U₃O₈)

Calendar- Year Quarter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	P2008
1st Quarter	1,734,427	1,149,050	1,151,587	1,196,225	1,018,683	709,177	620,952	E400,000	E600,000	709,600	931,065	1,162,737	810,189
2nd Quarter	1,460,058	1,321,079	1,143,942	1,132,566	983,330	748,298	643,432	E600,000	E400,000	630,053	894,268	1,119,536	1,073,315
3rd Quarter	1,691,796	1,631,384	1,203,042	1,204,984	981,948	628,720	579,723	E400,000	588,738	663,068	1,083,808	1,075,460	NA
4th Quarter	1,434,425	1,541,052	1,206,003	1,076,897	973,585	553,060	E500,000	E600,000	E600,000	686,456	1,196,485	1,175,845	NA
Calendar- Year Total	6,320,706	5,642,565	4,704,574	4,610,672	3,975,545	2,639,256	E2,344,107	E2,000,000	2,282,406	2,689,178	4,105,626	4,533,578	--

P = Preliminary data.

NA = Not available.

E = Estimated data.

-- = Not applicable.

Notes: The reported 4th quarter 2002 production amount was adjusted by rounding to the nearest 100,000 pounds to avoid disclosure of individual company data. This also affects the 2002 annual production. The reported 2003 and 1st, 2nd, and 4th quarter 2004 production amounts were adjusted by rounding to the nearest 200,000 pounds to avoid disclosure of individual company data. This also affects the 2003 and 2004 annual production totals.

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

Source: Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report"

Number of Uranium Mills and Plants Producing Uranium Concentrate

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Table 2. Number of Uranium Mills and Plants Producing Uranium Concentrate

Uranium Concentrate Processing Facilities	End of 1996	End of 1997	End of 1998	End of 1999	End of 2000	End of 2001	End of 2002	End of 2003	End of 2004	End of 2005	End of 2006	End of 2007	End of June 2008
Mills - conventional milling ¹	0	0	0	1	1	0	0	0	0	0	0	0	1
Mills - other operations ²	2	3	2	2	2	1	1	0	0	1	1	1	0
In-Situ Leach Plants ³	5	6	6	4	3	3	2	2	3	3	5	5	5
Byproduct Recovery Plants ⁴	2	2	1	0	0	0	0	0	0	0	0	0	0
Total	9	11	9	7	6	4	3	2	3	4	6	6	6

¹ Milling uranium-bearing ore.

² Not milling ore, but producing uranium concentrate from other (non-ore) materials.

³ Not including in-situ leach plants that only produced uranium concentrate from restoration.

⁴ Uranium concentrate as a byproduct from phosphate production.

Source: Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report"

U.S. Uranium Mills by Owner, Capacity, and Operating Status

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Table 3. U.S. Uranium Mills by Owner, Capacity, and Operating Status

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

- = No data reported.

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

Source: Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report"

U.S. Uranium In-Situ-Leach Plants by Owner, Capacity, and Operating Status

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Table 4. U.S. Uranium In-Situ-Leach Plants by Owner, Capacity, and Operating Status

In-Situ-Leach Plant Owner	In-Situ-Leach Plant Name	Production Capacity (pounds U ₃ O ₈ per year)	Operating Status at End of		
			2007	1st Quarter 2008	2nd Quarter 2008
COGEMA Mining, Inc.	Christensen Ranch	650,000	Changing License To Operational	Changing License To Operational	Changing License To Operational
COGEMA Mining, Inc.	Irigaray Ranch	-	Inactive	Inactive	Inactive
COGEMA Mining, Inc.	Texas Operations	-	Reclamation	Reclamation	Reclamation
Cameco Corporation	Crow Butte Operation	1,000,000	Operating	Operating	Operating
HRI, Inc.	Church Rock	1,000,000	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
Lost Creek ISR LLC	Lost Creek Project	1,000,000	-	Developing	Developing
Mestena Uranium LLC	Alta Mesa Project	1,000,000	Producing	Producing	Producing
Power Resources, Inc. dba Cameco Resources	Smith Ranch-Highland Operation	5,500,000	Operating	Operating	Operating
South Texas Mining Venture, LLP	Hobson ISR Plant	1,000,000	Under Construction	Under Construction	Under Construction
South Texas Mining Venture, LLP	La Palangana	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
URI, Inc.	Kingsville Dome	1,000,000	Producing	Producing	Producing
URI, Inc.	Rosita	1,000,000	Standby	Standby	Standby
URI, Inc.	Vasquez	800,000	Producing	Producing	Producing

Uranium One	Moore Ranch	-	-	Developing	Developing
Total Production Capacity:		15,950,000			

- = 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 period.

Source: Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report"

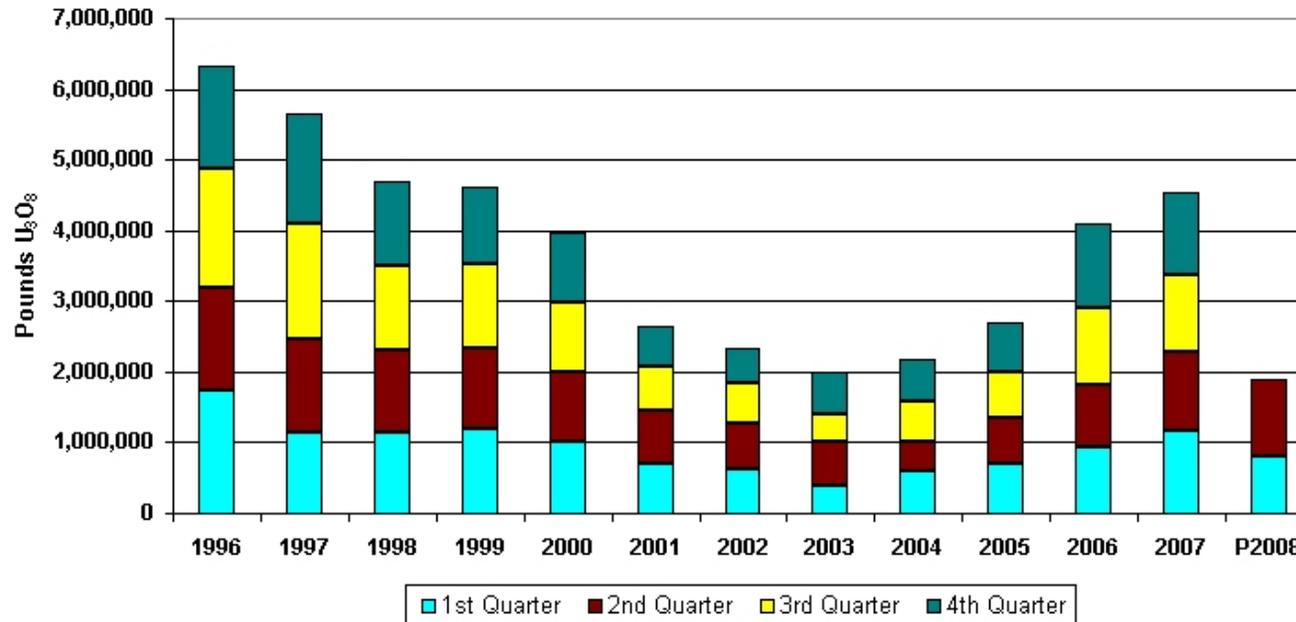
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Uranium Concentrate Production in the United States

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Figure 1. Uranium Concentrate Production in the United States, 1996 - 2nd Quarter 2008



Notes: The reported 4th quarter 2002 production amount was adjusted by rounding to the nearest 100,000 pounds to avoid disclosure of individual company data. This also affects the 2002 annual production. The reported 2003 and 1st, 2nd, and 4th quarter 2004 production amounts were adjusted by rounding to the nearest 200,000 pounds to avoid disclosure of individual company data. This also affects the 2003 and 2004 annual production totals. Totals may not equal sum of components because of independent rounding.

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[Chart data.](#)