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2nd Quarter 2011

Domestic Uranium Production Report

August 2011

U.S. Energy Information Administration
Assistant Administrator for Energy Statistics
Office of Electricity, Renewables, and Uranium Statistics
U.S. Department of Energy
Washington, D.C. 20585

This report is available on the Web at:
http://www.eia.gov/nuclear/

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Preface

The U.S. Energy Information Administration (EIA) reports data spanning 1996 through second quarter 2011 on U.S. uranium production activities in this report, *2nd Quarter 2011 Domestic Uranium Production Report*. Data in this report are based on information reported on Form EIA-851A, "Domestic Uranium Production Report (Annual)" and Form EIA-851Q, "Domestic Uranium Production Report (Quarterly)."

Prior editions of this report may be found on the EIA website at http://www.eia.gov/nuclear/reports.cfm.

Definitions for terms used in this report can be found in EIA's Energy Glossary: http://www.eia.doe.gov/glossary/index.html.

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U.S. production of uranium in the second quarter 2011 was 1,189,083 pounds U_3O_8, up 12 percent from the previous quarter and up 13 percent from the second quarter 2010.

During the second quarter 2011, U.S. uranium was produced at six U.S. uranium facilities.

- U.S. Uranium Mill in Production

    1. White Mesa Mill

- U.S. Uranium In-Situ-Leach Plants in Production

    1. Alta Mesa Project
    2. Crow Butte Operation
    3. Hobson ISR Plant / La Palangana
    4. Smith Ranch-Highland Operation
    5. Willow Creek Project (Christensen Ranch and Irigaray)

For the first half of 2011, U.S. uranium concentrate production totaled 2,252,130 pounds U_3O_8. This amount is 17 percent higher than the 1,931,186 pounds produced during the first half of 2010.

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Table 1. Total production of uranium concentrate in the United States, 1996 - 2nd Quarter 2011
pounds U_3O_8

Calendar-Year Quarter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	P2011
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	880,036	876,084	1,063,047
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	982,760	1,055,102	1,189,083
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	980,933	956,657	1,150,725	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	1,037,946	888,905	1,146,281	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**	**3,902,383**	**3,708,358**	**4,228,192**	**--**

P = Preliminary data.
E = Estimated data.
NA = Not available.
-- = 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: U.S. Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report."

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Table 2. Number of uranium mills and plants producing uranium concentrate in the United States

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 2008	End of 2009	End of 2010	2nd Quarter 2011
Mills - conventional milling [1]	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1
Mills - other operations [2]	2	3	2	2	2	1	1	0	0	1	1	1	0	1	0	0
In-Situ-Leach Plants [3]	5	6	6	4	3	3	2	2	3	3	5	5	6	3	4	5
Byproduct Recovery Plants [4]	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**9**	**11**	**9**	**7**	**6**	**4**	**3**	**2**	**3**	**4**	**6**	**6**	**7**	**4**	**5**	**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: U.S. Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report."

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Table 3. U.S. uranium mills by owner, capacity, and operating status

Mill Owner	Mill Name	Milling Capacity (short tons of ore per day)	Operating Status at End of		
			2010	1st Quarter 2011	2nd Quarter 2011
Cotter Corporation	Canon City Mill	400	Standby	Standby	Standby
Denison White Mesa LLC	White Mesa Mill	2,000	Operating	Operating	Operating
Energy Fuels Resources Corp	Piñon Ridge Mill	500	Developing	Developing	Permitted And Licensed
Kennecott Uranium Company/Wyoming Coal Resource Company	Sweetwater Uranium Project	3,000	Standby	Standby	Standby
Uranium One Americas, Inc.	Shootaring Canyon Uranium Mill	750	Standby	Standby	Standby
Total Milling Capacity:		**6,650**			

Notes: Milling capacity for 2nd Quarter 2011. An operating status of "Operating" indicates the mill was producing uranium concentrate at the end of the period.
Source: U.S. Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report."

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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_3O_8 per year)	Operating Status at End of		
			2010	1st Quarter 2011	2nd Quarter 2011
Cameco Corporation	Crow Butte Operation	1,000,000	Operating	Operating	Operating
Hydro Resources, Inc.	Church Rock	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Hydro Resources, Inc.	Crownpoint	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Lost Creek ISR, LLC	Lost Creek Project	2,000,000	Developing	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
Powertech Uranium Corp	Centennial Project	-	Undeveloped	Undeveloped	Undeveloped
Powertech Uranium Corp	Dewey Burdock Project	-	Undeveloped	Undeveloped	Undeveloped
South Texas Mining Venture	Hobson ISR Plant	1,000,000	Operational	Operating	Operating
South Texas Mining Venture	La Palangana	1,000,000	Operating	Operating	Operating
URI, Inc.	Kingsville Dome	1,000,000	Standby	Standby	Standby
URI, Inc.	Rosita	1,000,000	Standby	Standby	Standby
URI, Inc.	Vasquez	800,000	Restoration	Restoration	Restoration
Uranerz Energy Corporation	Nichols Ranch ISR Project	-	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Uranium Energy Corporation	Goliad ISR Uranium Project	-	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Uranium One Americas, Inc.	Jab and Antelope	2,000,000	Developing	Developing	Developing
Uranium One Americas, Inc.	Moore Ranch	500,000	Permitted And Licensed	Permitted And Licensed	Permitted And Licensed
Uranium One USA, Inc.	Texas Operations	-	Reclamation	Reclaimed	Reclaimed
Uranium One USA, Inc.	Willow Creek Project (Christensen Ranch and Irigaray)	1,300,000	Operational	Operating	Producing
Total Production Capacity:		**20,100,000**			

- = No data reported.

Notes: Production capacity for 2nd Quarter 2011. An operating status of "Operating" indicates the in-situ-leach plant usually was producing uranium concentrate at the end of the period. Hobson ISR Plant processed uranium concentrate that came from La Palangana during the 2nd Quarter 2011. Hobson and La Palangana are part of the same project. ISR stands for in-situ recovery. Willow Creek Project produced uranium during the 2nd Quarter 2011. Christensen Ranch and Irigaray are part of the Willow Creek Project.

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

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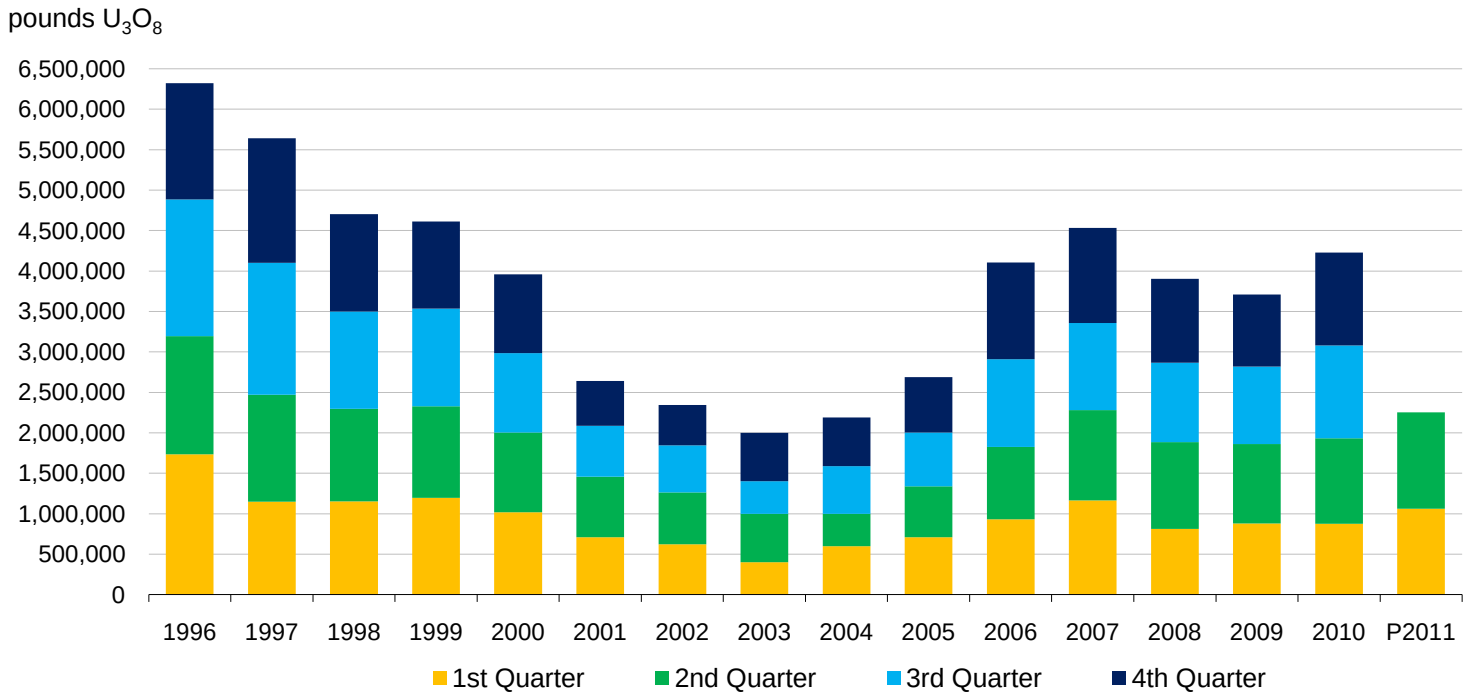
Figure 1. Uranium Concentrate Production in the United States, 1996 - 2nd Quarter 2011



P = Preliminary data.
Source: U.S. Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report."