

Domestic Uranium Production Report - Quarterly

Data for 2nd Quarter 2010
Report Date: August 9, 2010
Next Release Date: November 2010

2nd Quarter 2010

U.S. production of uranium concentrate was 1,055,102 pounds U_3O_8 , up 20 percent from the previous quarter and up 7 percent from the second quarter 2009. During the second quarter 2010, U.S. uranium concentrate was produced at four U.S. uranium concentrate processing 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. Smith Ranch-Highland Operation

For the first half of 2010, U.S. uranium concentrate production totaled 1,931,186 pounds U_3O_8 . This amount is 4 percent higher than the 1,862,796 pounds produced during the first half of 2009.

Final 2009 Production Total

Five U.S. uranium concentrate processing facilities produced 3,708,358 pounds U_3O_8 in 2009. This amount is 5 percent lower than the 3,902,383 pounds produced in 2008.

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**Table 1. Total Production of Uranium Concentrate in the United States, 1996 - 2nd Quarter 2010
 (Pounds U₃O₈)**

| Calendar-Year Quarter | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | P2010 |
|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|
| 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 |
| 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 |
| 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 | 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 | 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 | -- |

P = Preliminary data.

E = Estimated data.

NA = Not available.

-- = Not applicable

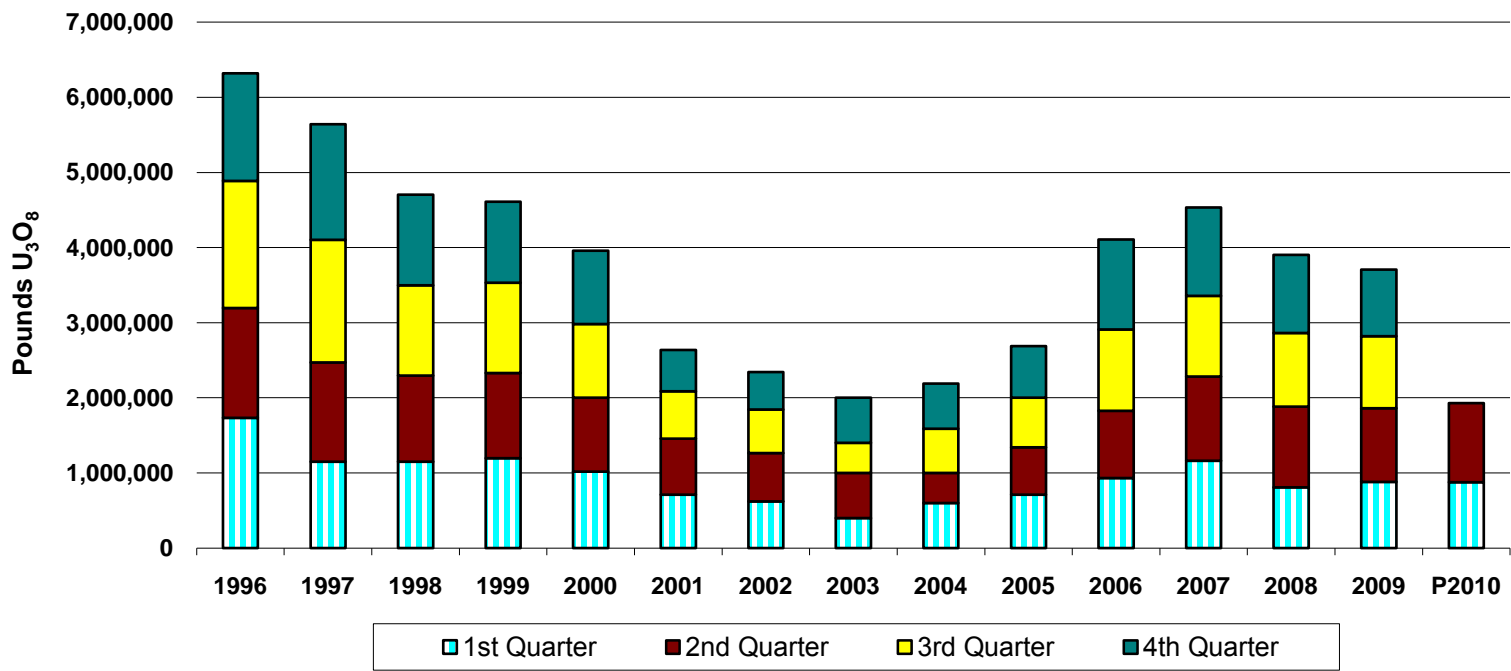
Notes: The reported 4th quarter 2002 production amount was adjusted by rounding to the nearest 100,000 pounds to avoid disclosure of individual company data. This also affects the 2002 annual production. The reported 2003 and 1st, 2nd, and 4th quarter 2004 production amounts were adjusted by rounding 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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Figure 1. Uranium Concentrate Production in the United States, 1996 - 2nd Quarter 2010



P = Preliminary data.

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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 | 2nd Quarter 2010 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|
| Mills - conventional milling ¹ | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Mills - other operations ² | 2 | 3 | 2 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 |
| In-Situ-Leach Plants ³ | 5 | 6 | 6 | 4 | 3 | 3 | 2 | 2 | 3 | 3 | 5 | 5 | 6 | 3 | 3 |
| Byproduct Recovery Plants ⁴ | 2 | 2 | 1 | 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 | 4 |

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.

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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 | | |
|--|--------------------------------|---|----------------------------|------------------|------------------|
| | | | 2009 | 1st Quarter 2010 | 2nd Quarter 2010 |
| 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 | Developing |
| Kennecott Uranium Company/Wyoming Coal Resource Company | Sweetwater Uranium Project | 3,000 | Standby | Standby | Standby |
| Uranium One Exploration U.S.A. Inc | Shootaring Canyon Uranium Mill | 750 | Standby | Standby | Standby |
| Total Milling Capacity: | | 6,650 | | | |

Notes: Milling capacity for 2nd Quarter 2010. An operating status of "Operating" indicates the mill was producing uranium concentrate at the end of the period.

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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 | | |
|---|--------------------------------|---|----------------------------------|----------------------------------|----------------------------------|
| | | | 2009 | 1st Quarter 2010 | 2nd Quarter 2010 |
| Cameco | 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 |
| 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 | - | Developing | Developing | Developing |
| Uranium Energy Corp. | Goliad ISR Uranium Project | 1,000,000 | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed |
| Uranium Energy Corp. | Hobson ISR Plant | 1,000,000 | Permitted And Licensed | Standby | Standby |
| Uranium Energy Corp. | La Palangana | 500,000 | Permitted And Licensed | Permitted And Licensed | Permitted And Licensed |
| Uranium Energy Corp. | Nichols Project | 500,000 | Developing | Developing | Developing |
| Uranium One Americas, Inc. | Jab and Antelope | 2,000,000 | Developing | Developing | Developing |
| Uranium One Americas, Inc. | Moore Ranch | 500,000 | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed |
| Uranium One U. S. A. Inc. | Christensen Ranch | 1,000,000 | Standby | Standby | Developing |
| Uranium One U. S. A. Inc. | Irigaray Ranch | 1,300,000 | Standby | Standby | Under Construction |
| Uranium One U. S. A. Inc. | Texas Operations | 0 | Reclamation | Reclamation | Reclamation |
| Total Production Capacity: | | 22,100,000 | | | |

- = No data reported.

Notes: Production capacity for 2nd Quarter 2010. An operating status of "Operating" indicates the in-situ-leach plant was producing uranium concentrate at the end of the period.

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