

## Domestic Uranium Production Report - Quarterly

Data for 3rd Quarter 2010  
Report Date: November 9, 2010  
Next Release Date: February 2011

### 3rd Quarter 2010

U.S. production of uranium concentrate was 1,150,725 pounds  $U_3O_8$ , up 9 percent from the previous quarter and up 20 percent from the third quarter 2009. During the third 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

As of September 2010, U.S. uranium concentrate production totaled 3,081,911 pounds  $U_3O_8$ . This amount is 9 percent higher than the 2,819,453 pounds produced during the first nine months of 2009.

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**Table 1. Total Production of Uranium Concentrate in the United States, 1996 - 3rd Quarter 2010  
 (Pounds U<sub>3</sub>O<sub>8</sub>)**

| 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          | 966,657          | 1,150,725 |
| 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        |
| <b>Calendar-Year Total</b> | <b>6,320,706</b> | <b>5,642,565</b> | <b>4,704,574</b> | <b>4,610,672</b> | <b>3,975,545</b> | <b>2,639,256</b> | <b>E2,344,107</b> | <b>E2,000,000</b> | <b>2,282,406</b> | <b>2,689,178</b> | <b>4,105,626</b> | <b>4,533,578</b> | <b>3,902,363</b> | <b>3,708,358</b> | <b>--</b> |

P = Preliminary data.

E = Estimated data.

NA = Not available.

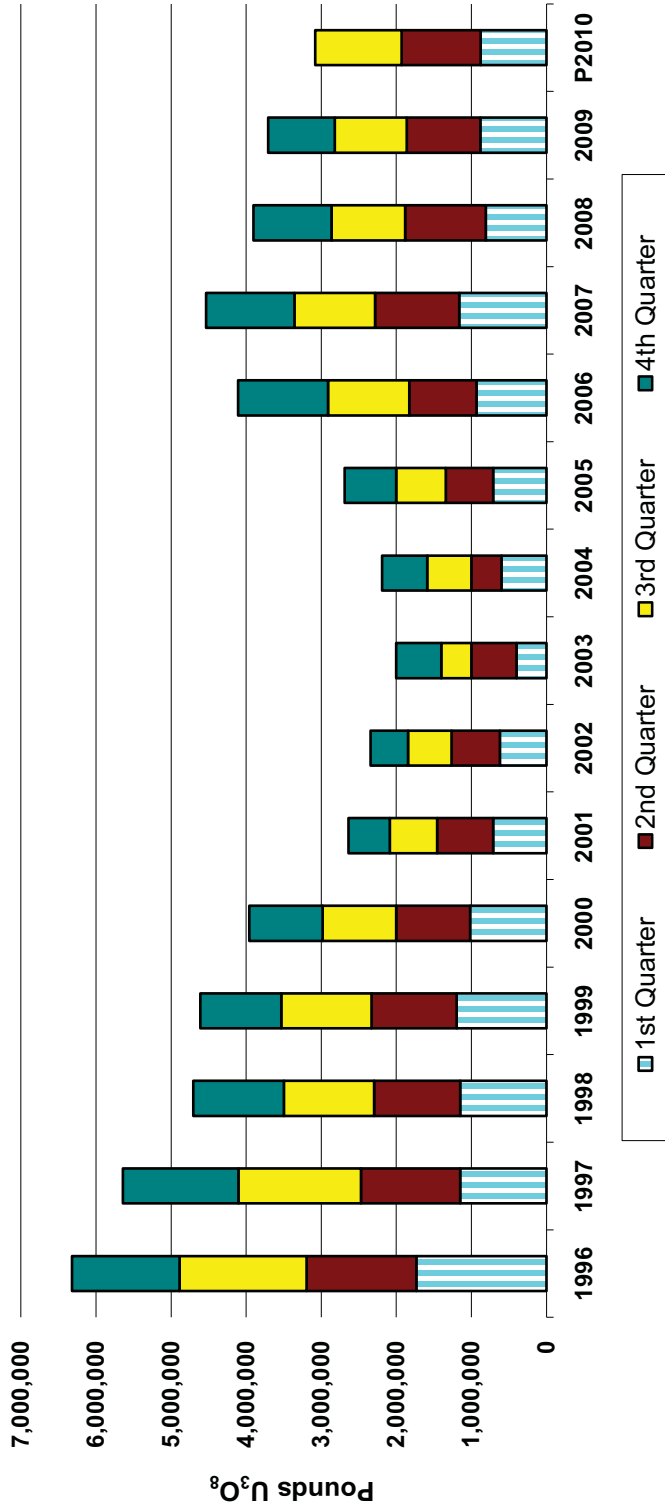
-- = Not applicable

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-951A and Form EIA-951Q, "Domestic Uranium Production Report."

**Figure 1. Uranium Concentrate Production in the United States, 1996 - 3rd Quarter 2010**



P = Preliminary data.  
 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 | 3rd Quarter 2010 |          |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|----------|
| Mills - conventional milling <sup>1</sup> | 0           | 0           | 0           | 1           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 1           | 0                | 1        |
| Mills - other operations <sup>2</sup>     | 2           | 3           | 2           | 2           | 2           | 1           | 1           | 0           | 0           | 1           | 1           | 1           | 0           | 0           | 1                | 0        |
| In-Situ-Leach Plants <sup>3</sup>         | 5           | 6           | 6           | 4           | 3           | 3           | 2           | 2           | 3           | 3           | 5           | 5           | 6           | 3           | 3                | 3        |
| Byproduct Recovery Plants <sup>4</sup>    | 2           | 2           | 1           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0                | 0        |
| <b>Total</b>                              | <b>9</b>    | <b>11</b>   | <b>9</b>    | <b>7</b>    | <b>6</b>    | <b>4</b>    | <b>3</b>    | <b>2</b>    | <b>3</b>    | <b>4</b>    | <b>6</b>    | <b>6</b>    | <b>7</b>    | <b>4</b>    | <b>4</b>         | <b>4</b> |

<sup>1</sup> Milling uranium-bearing ore.

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

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

<sup>4</sup> 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 |                  |                  |                  |
|---|--------------------------------|--|----------------------------|------------------|------------------|------------------|
|   |                                |  | 2009                       | 1st Quarter 2010 | 2nd Quarter 2010 | 3rd Quarter 2010 |
| Cotter Corporation                                      | Canon City Mill                | 400  | Standby                    | Standby          | Standby          | Standby          |
| Denison White Mesa LLC                                  | White Mesa Mill                | 2,000  | Operating                  | Operating        | Operating        | Operating        |
| Energy Fuels Resources                                  | Piñon Ridge Mill               | 500  | Developing                 | Developing       | Developing       | Developing       |
| Kennecott Uranium Company/Wyoming Coal Resource Company | Sweetwater Uranium Project     | 3,000  | Standby                    | Standby          | Standby          | Standby          |
| Uranium One Exploration USA, Inc.                       | Shootaring Canyon Uranium Mill | 750  | Standby                    | Standby          | Standby          | Standby          |
| <b>Total Milling Capacity:</b>                          |                                | <b>6,650</b>                                 |                            |                  |                  |                  |

Notes: Milling capacity for 3rd Quarter 2010. 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 <sub>3</sub> O <sub>8</sub> per year) | Operating Status at End of       |                                  |                                  |                                  |
|---|--------------------------------|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|   |                                |   | 2009                             | 1st Quarter 2010                 | 2nd Quarter 2010                 | 3rd Quarter 2010                 |
| Cameco                                    | Crow Butte Operation           | 1,000,000   | Operating                        | Operating                        | Operating                        | Operating                        |
| Hydro Resources, Inc.                     | Church Rock                    | 1,000,000   | Partially Permitted And Licensed | 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 | Partially Permitted And Licensed |
| Lost Creek ISR LLC                        | Lost Creek Project             | 2,000,000   | Developing                       | Developing                       | Developing                       | Developing                       |
| Mestena Uranium LLC                       | Alta Mesa Project              | 1,000,000   | Producing                        | Producing                        | Producing                        | Producing                        |
| Power Resources Inc. dba Cameco Resources | Smith Ranch-Highland Operation | 5,500,000   | Operating                        | Operating                        | Operating                        | Operating                        |
| Powertech Uranium Corp.                   | Centennial Project             | -   | Undeveloped                      | Undeveloped                      | Undeveloped                      | Undeveloped                      |
| Powertech Uranium Corp.                   | Dewey Burdick Project          | -   | Undeveloped                      | Undeveloped                      | Undeveloped                      | Undeveloped                      |
| URI, Inc.                                 | Kingsville Dome                | 1,000,000   | Standby                          | Standby                          | Standby                          | Standby                          |
| URI, Inc.                                 | Rosita                         | 1,000,000   | Standby                          | Standby                          | Standby                          | Standby                          |
| URI, Inc.                                 | Vasquez                        | 800,000   | Restoration                      | Restoration                      | Restoration                      | Restoration                      |
| Uranerz Energy Corporation                | Nichols Ranch ISR Project      | -   | Developing                       | Developing                       | Developing                       | Developing                       |
| Uranium Energy Corp                       | Coliad ISR Uranium Project     | 1,000,000   | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed |
| Uranium Energy Corp                       | Hobson ISR Plant               | 1,000,000   | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed | Partially Permitted And Licensed |
| Uranium Energy Corp                       | La Palangana                   | 1,000,000   | Permitted And Licensed           | Permitted And Licensed           | Permitted And Licensed           | Permitted And Licensed           |
| Uranium Energy Corp                       | Nichols Project                | 500,000   | Developing                       | Developing                       | Developing                       | Developing                       |
| Uranium One Americas, Inc.                | Jab and Antelope               | 2,000,000   | Developing                       | Developing                       | Developing                       | Developing                       |
| Uranium One U.S.A., Inc.                  | Moore Ranch                    | 500,000   | Partially Permitted And Licensed | 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                          | Standby                          | Standby                          |
| Uranium One U.S.A., Inc.                  | Ilgaray Ranch                  | 1,300,000   | Standby                          | Standby                          | Standby                          | Standby                          |
| Uranium One U.S.A., Inc.                  | Texas Operations               | 0   | Reclamation                      | Reclamation                      | Reclamation                      | Reclamation                      |
| <b>Total Production Capacity:</b>         |                                | <b>22,600,000</b>   |                                  |                                  |                                  |                                  |

- = No data reported.

Notes: Production capacity for 3rd Quarter 2010. An operating status of "Operating" indicates the in-situ-leach plant 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."