

## Domestic Uranium Production Report - Quarterly

Data for 4th Quarter 2010  
Report Date: February 8, 2011  
Next Release Date: May 2011

### 4th Quarter 2010

U.S. production of uranium in the fourth quarter 2010 was 1,153,104 pounds  $U_3O_8$ , up 0.2 percent from the previous quarter and up 30 percent from the fourth quarter 2009.

During the fourth quarter 2010, U.S. uranium was produced at five 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. La Palangana (*new*)
  4. Smith Ranch-Highland Operation

Starting in the fourth quarter 2010, La Palangana produced uranium that was supplied to the Hobson ISR Plant, which had not been processed into uranium concentrate. Hobson and La Palangana are part of the same project.

### Preliminary 2010 Total

U.S. uranium production totaled 4,235,015 pounds  $U_3O_8$  in 2010. This amount is 14 percent higher than the 3,708,358 pounds produced in 2009.

**Production of Uranium Concentrate in the United States, 1996 - 4th Quarter 2010**

Quarter	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	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
	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
	1,691,796	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
	1,434,425	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
<b>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>3,902,383</b>	<b>3,708,358</b>

data.

data.

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 3rd quarter 2003 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.

equal sum of components because of independent rounding.

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

**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	4th Quarter 2010
Mills - conventional milling <sup>1</sup>	0	0	0	1	1	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	1	0
In-Situ-Leach Plants <sup>3</sup>	5	6	6	4	3	3	2	2	3	3	5	5	6	3	4
Byproduct Recovery Plants <sup>4</sup>	2	2	1	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>5</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."

**Uranium Mills by Owner, Capacity, and Operating Status**

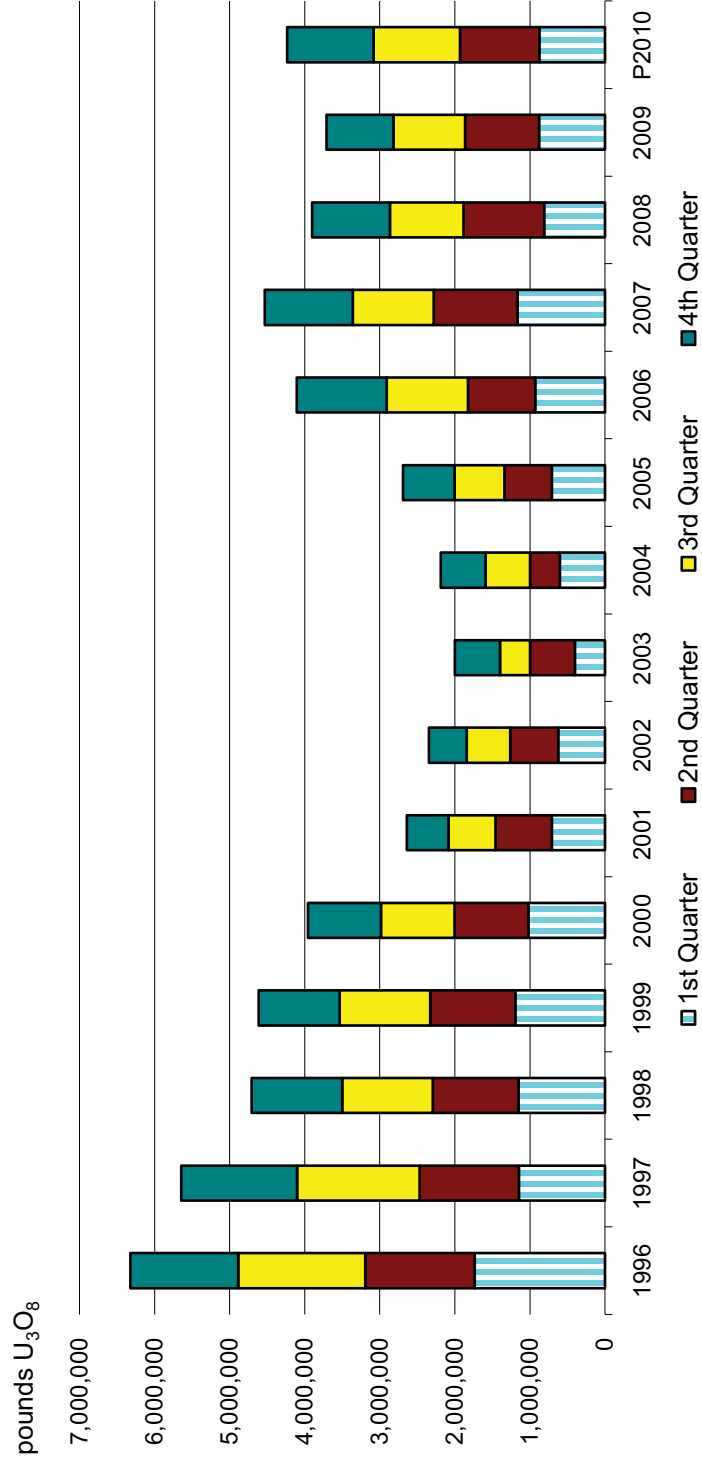
	Mill Name	Milling Capacity (short tons of ore per day)	Operating Status at End of				
			2009	1st Quarter 2010	2nd Quarter 2010	3rd Quarter 2010	4th Quarter 2010
Canon City Mill	Canon City Mill	400	Standby	Standby	Standby	Standby	Standby
White Mesa Mill	White Mesa Mill	2,000	Operating	Operating	Operating	Operating	Operating
Piñon Ridge Mill	Piñon Ridge Mill	500	Developing	Developing	Developing	Developing	Developing
Sweetwater Uranium Project	Sweetwater Uranium Project	3,000	Standby	Standby	Standby	Standby	Standby
Shootaring Canyon Uranium Mill	Shootaring Canyon Uranium Mill	750	Standby	Standby	Standby	Standby	Standby
<b>Capacity:</b>		<b>6,650</b>					

Capacity for 4th Quarter 2010. An operating status of "Operating" indicates the mill was producing uranium concentrate at the end of the period.  
 Energy Information Administration: Form EIA-851A and Form EIA-851Q, "Domestic Uranium Production Report."

Crownpoint	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Lost Creek Project	2,000,000	Developing	Developing	Developing	Developing
Alta Mesa Project	1,000,000	Producing	Producing	Producing	Producing
Ranch-Highland Operation	5,500,000	Operating	Operating	Operating	Operating
Centennial Project	-	Undeveloped	Undeveloped	Undeveloped	Undeveloped
Lawey Burdock Project	-	Undeveloped	Undeveloped	Undeveloped	Undeveloped
Hobson ISR Plant	1,000,000	Permitted And Licensed	Standby	Standby	Permitted And Licensed
La Palangana	1,000,000	Permitted And Licensed	Permitted And Licensed	Permitted And Licensed	Permitted And Licensed
Nichols Project	-	Developing	Developing	Developing	Developing
Kingsville Dome	1,000,000	Standby	Standby	Standby	Standby
Rosita	1,000,000	Standby	Standby	Standby	Standby
Vasquez	800,000	Restoration	Restoration	Restoration	Restoration
Hobson Ranch ISR Project	-	Developing	Developing	Developing	Developing
Advanced ISR Uranium Project	1,000,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Jab and Antelope	2,000,000	Developing	Developing	Developing	Developing
Moore Ranch	500,000	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed	Partially Permitted And Licensed
Christensen Ranch	1,000,000	Standby	Standby	Standby	Permitted And Licensed
Irigaray Ranch	1,300,000	Standby	Standby	Under Construction	Permitted And Licensed
Texas Operations	0	Reclamation	Reclamation	Reclamation	Reclamation
	<b>22,100,000</b>				
<p>"Operating" indicates the in-situ-leach plant usually was producing uranium concentrate at the end of the period. La Palangana did produce uranium, but Hobson ISR Plant did not produce uranium during the 4th Quarter 2010. ISF form EIA-851Q, "Domestic Uranium Production Report."</p>					

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**Figure 1. Uranium Concentrate Production in the United States, 1996 - 4th Quarter 2010**



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