

NEI International Uranium Seminar

U.S. Energy Information Administration



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Independent Statistics & Analysis

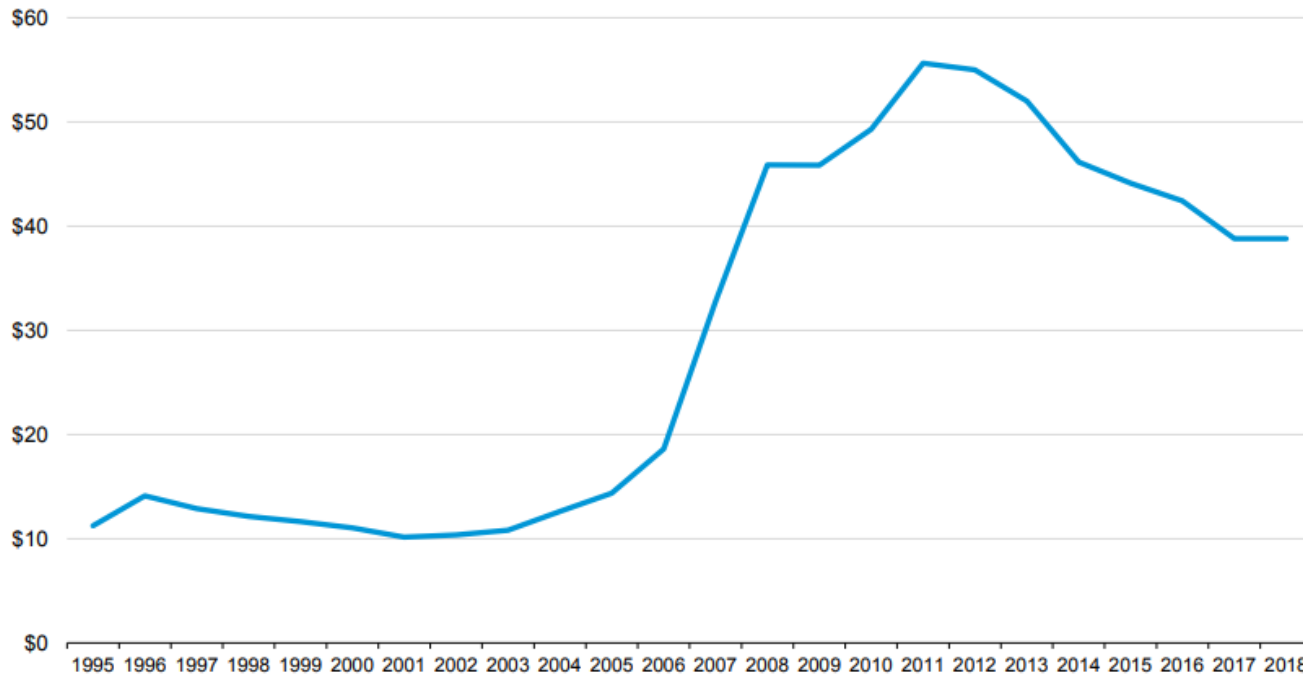
U.S. Energy Information Administration

- The U.S. Energy Information Administration (EIA) collects, analyzes, and disseminates independent and impartial energy information to promote sound policymaking, efficient markets, and public understanding of energy and its interaction with the economy and the environment.
- EIA is an independent statistical agency under the U.S. Department of Energy, is policy neutral, and uses collected data for statistical purposes. Sensitive or confidential data are protected from disclosure at an identifiable level. For more information about EIA, visit our web site: <http://www.eia.gov/>
- EIA surveys are cleared by the Office of Management and Budget (OMB) every three years
- OMB weighs public interest against respondent burden in approving EIA surveys

Uranium purchase price

Figure S2. Weighted-average price of uranium purchased by owners and operators of U.S. civilian nuclear power reactors, 1995–2018

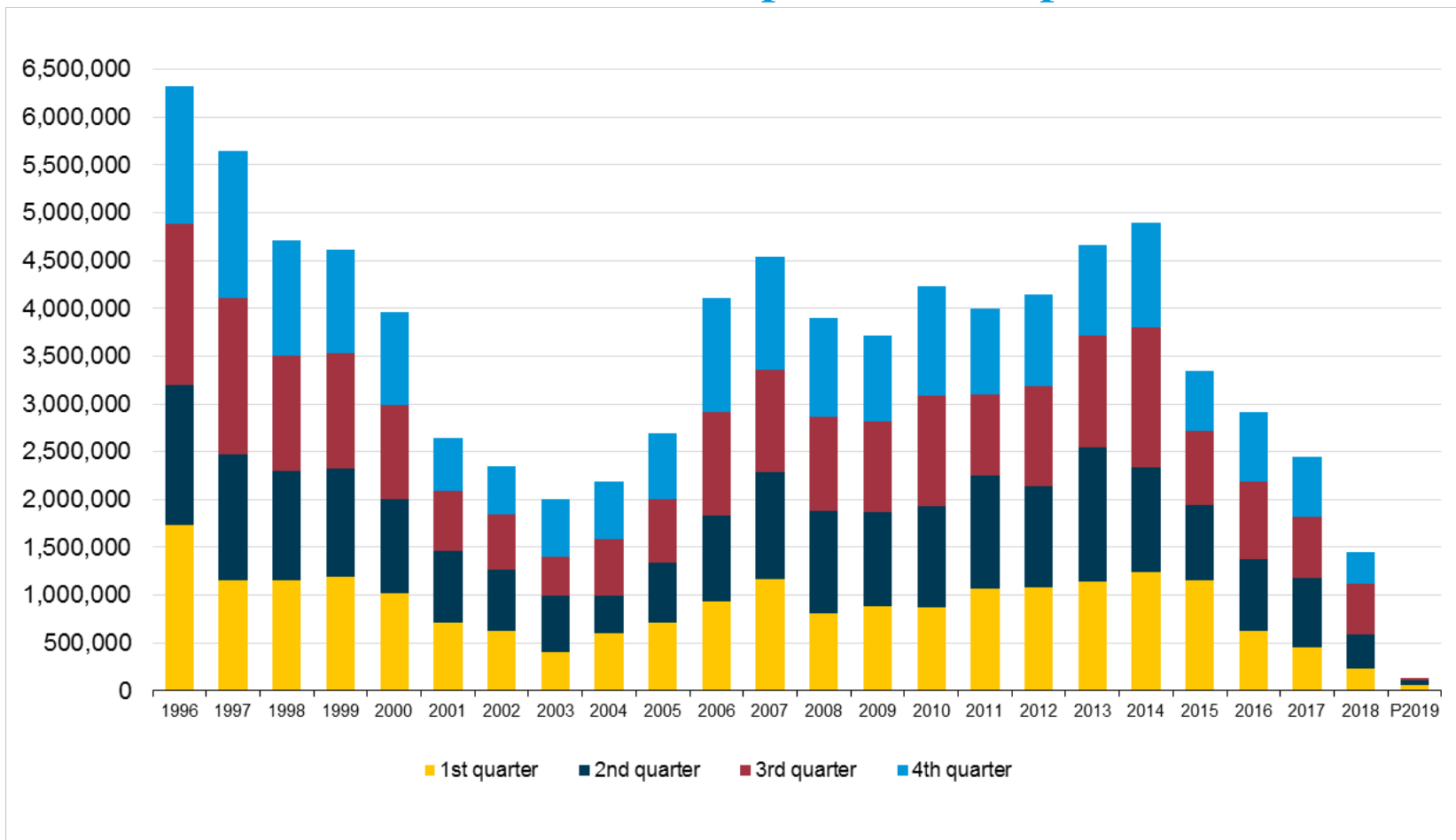
dollars per pound U₃O₈ equivalent



Sources: U.S. Energy Information Administration: *Uranium Industry Annual* reports, 1995-2002. Form EIA-858, *Uranium Marketing Annual Survey*, 2003-2018

- Like spot prices, contract purchase prices are trending down
- Contract purchase price declining more slowly due to long-term nature of contracts

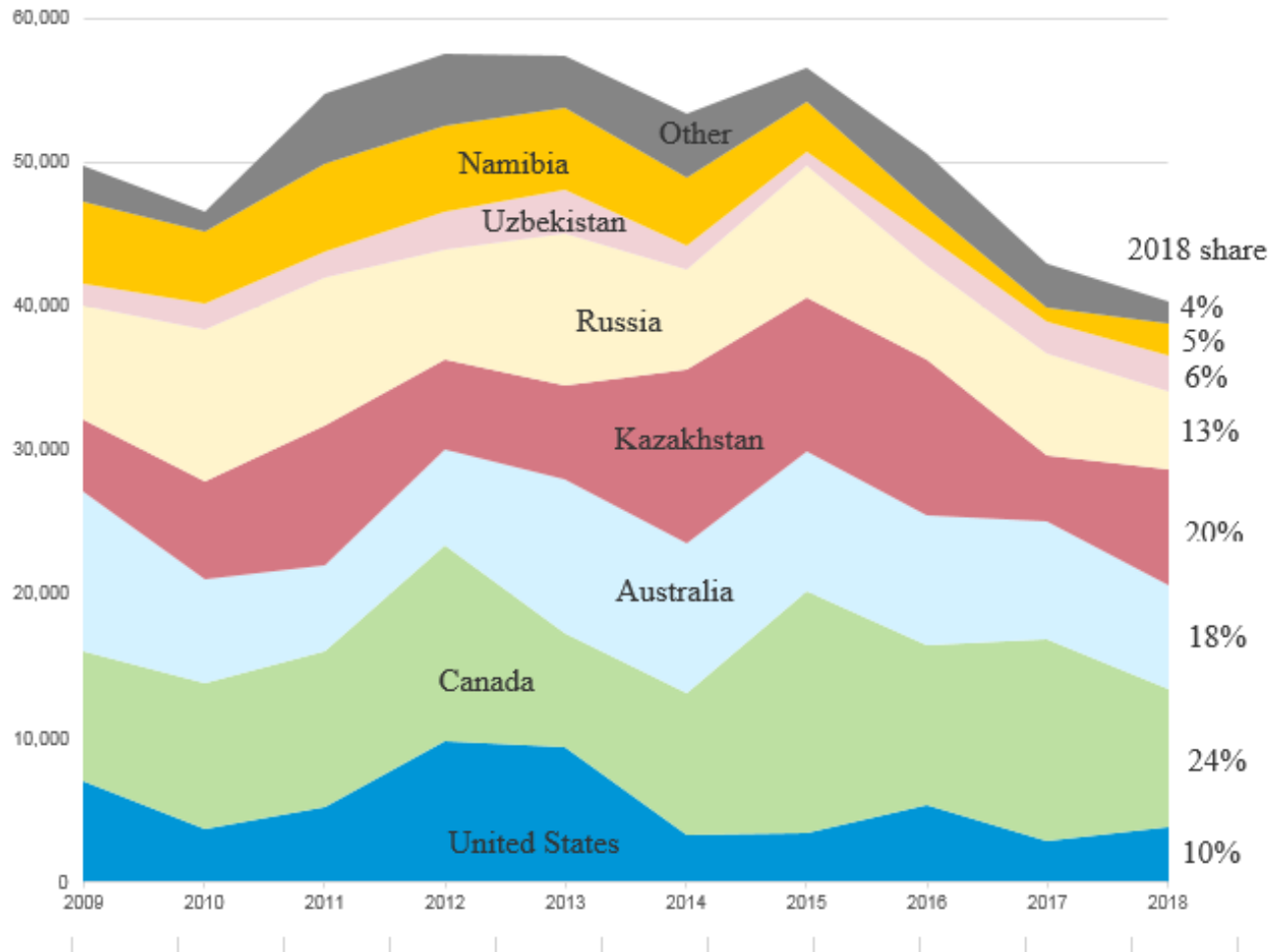
Domestic uranium concentrate production (pounds U3O8)



- Domestic production has collapsed to essentially the lowest levels on record
- Just 32,211 pounds U3O8 have been produced through the third quarter of 2019

Uranium purchased by country of origin

Uranium purchased by U.S. civilian nuclear power reactors, by country of origin
thousand pounds U3O8 equivalent

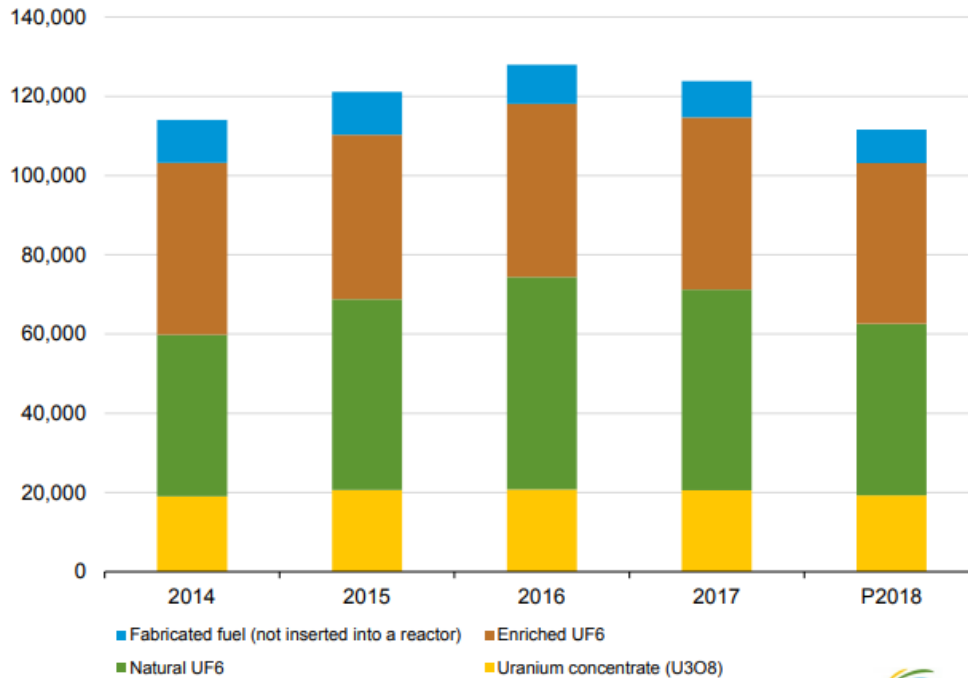


Foreign-sourced uranium fuels most domestic nuclear reactors

Uranium inventories

Figure 21. Owners and operators of U.S. civilian nuclear power reactors inventories by material type as of end of year, 2014–2018

thousand pounds U₃O₈ equivalent



P = Preliminary data. Final 2017 inventory data reported in the 2018 survey.
Source: U.S. Energy Information Administration, Form EIA-858, *Uranium Marketing Annual Survey* (2015–2018)

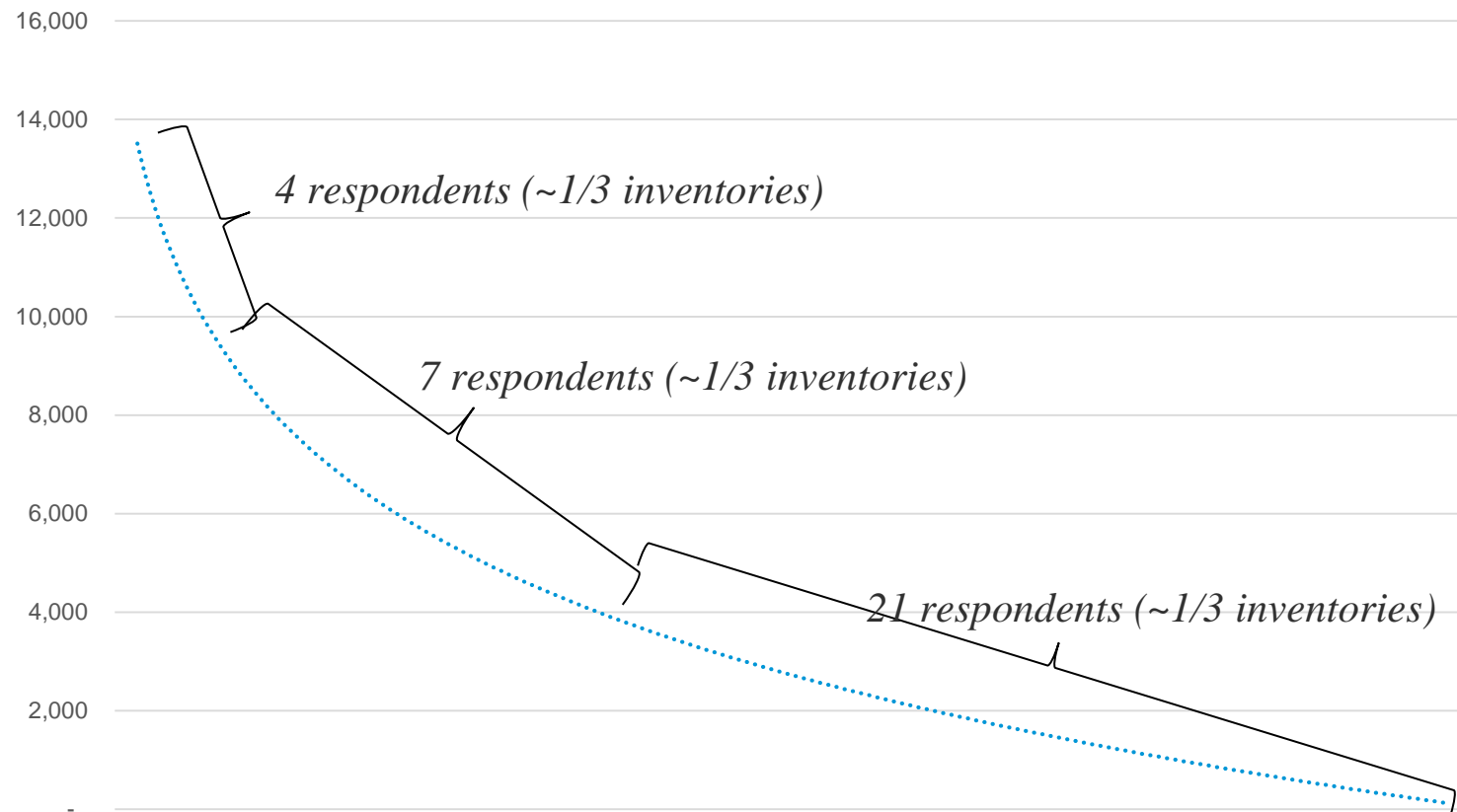


- After years of growth, uranium inventories held by nuclear power plant operators is starting to decline
- 2018 inventories of 111 million pounds U₃O₈ equivalent down 12% from 2016 highs

Uranium inventories, by respondent

Uranium inventories, by respondent

thousand pounds U3O8 equivalent



Average respondent uranium inventories just over 3.7 million pounds U3O8 equivalent at the end of 2018

Section 232 Investigation and Nuclear Fuels Working Group



- On January 16, 2018, two U.S. domestic uranium mining and milling companies petitioned Commerce to investigate whether uranium imports from foreign state-owned enterprises pose a threat to national security
- On July, 12, 2019, President Trump declined to impose quotas or other trade measures on imports of uranium materials under Section 232 of the Trade Expansion Act of 1962
- In mid-October, President Trump granted a 30-day extension for Nuclear Fuel Working Group recommendations
- Recommendations are due to the President November 10

About EIA and its data collections...

- Proposals to collect data from the public and businesses in the U.S. must be reviewed and approved by the Office of Management and Budget (OMB) every three years.
- The need to minimize reporting burden is a premier tenet of any proposed collection. Samples, estimation methodologies, and external data sources are utilized as much as possible to lessen burden on respondents, especially small businesses.
- Uranium surveys will be re-cleared in 2020. Feedback from the respondents and the stakeholders is essential. We encourage suggestions that can improve the data we collect and the way we collect it.

Publications and contact data

- Uranium Marketing Annual Report (<https://www.eia.gov/uranium/marketing/>)
- Domestic Production Report (<https://www.eia.gov/uranium/production/annual/>)
- Nuclear Unit Outages (<https://www.eia.gov/nuclear/outages/>)
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