



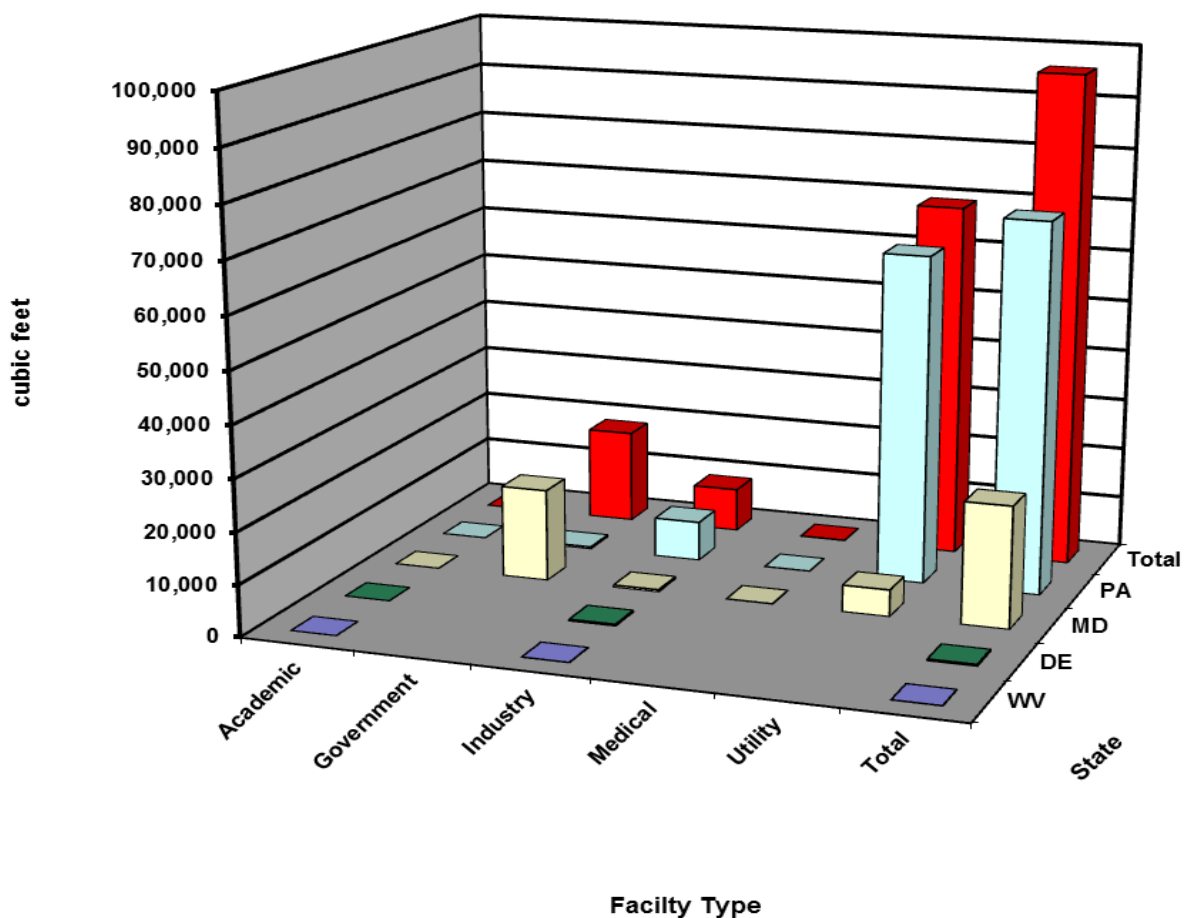
# **Low-Level Radioactive Waste Generation Information for Appalachian Compact**

## Appalachian Compact 2013 Disposed LLRW Volume by State and Facility Type

| Facility Type/State | WV   | DE    | MD       | PA       | Total    |
|---------------------|------|-------|----------|----------|----------|
| Academic            | 0.8  | 3.7   | 1.4      | 1.5      | 7.4      |
| Government          | 0    | 0     | 17,932.8 | 381.0    | 18,313.8 |
| Industry            | 44.0 | 335.8 | 425.5    | 7,701.1  | 8,462.3  |
| Medical             | 0    | 0     | 40.2     | 15.7     | 55.9     |
| Utility             | 0    | 0     | 5,197.4  | 63,967.6 | 69,209.0 |
| Total               | 44.8 | 339.5 | 23,597.2 | 72,066.9 | 96,048.4 |

This information is from the Pennsylvania Department of Environmental Protection and EnergySolutions as of August 2014; volume is in cubic feet (ft<sup>3</sup>). Data contains LLRW burial at the EnergySolutions facility in Clive, Utah.

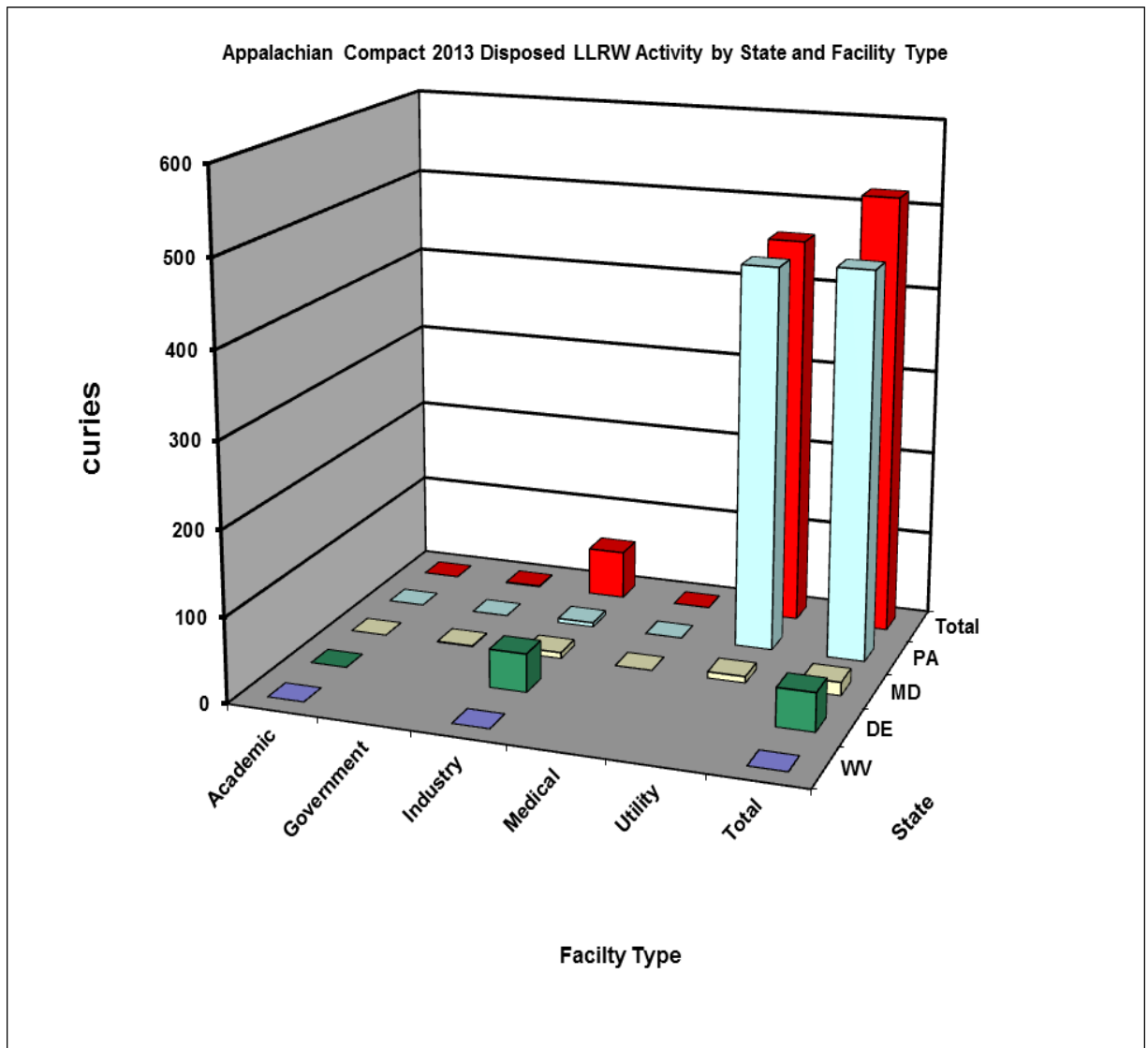
Appalachian Compact 2013 Disposed LLRW Volume by State and Facility Type



## Appalachian Compact 2013 Disposed LLRW Activity by State and Facility Type

| Facility Type/State | WV    | DE    | MD    | PA     | Total  |
|---------------------|-------|-------|-------|--------|--------|
| Academic            | 0.005 | 0.005 | 0.005 | 0.005  | 0.02   |
| Government          | 0     | 0     | 0.98  | 0.04   | 1.02   |
| Industry            | 0.005 | 45.26 | 7.07  | 5.04   | 57.38  |
| Medical             | 0     | 0     | 0.06  | 0.03   | 0.09   |
| Utility             | 0     | 0     | 7.60  | 453.43 | 461.03 |
| Total               | 0.01  | 45.27 | 15.72 | 458.55 | 519.54 |

This information is from the Pennsylvania Department of Environmental Protection and EnergySolutions as of August 2014; activity is in curies (Ci). Data contains LLRW burial at the EnergySolutions facility in Clive, Utah.

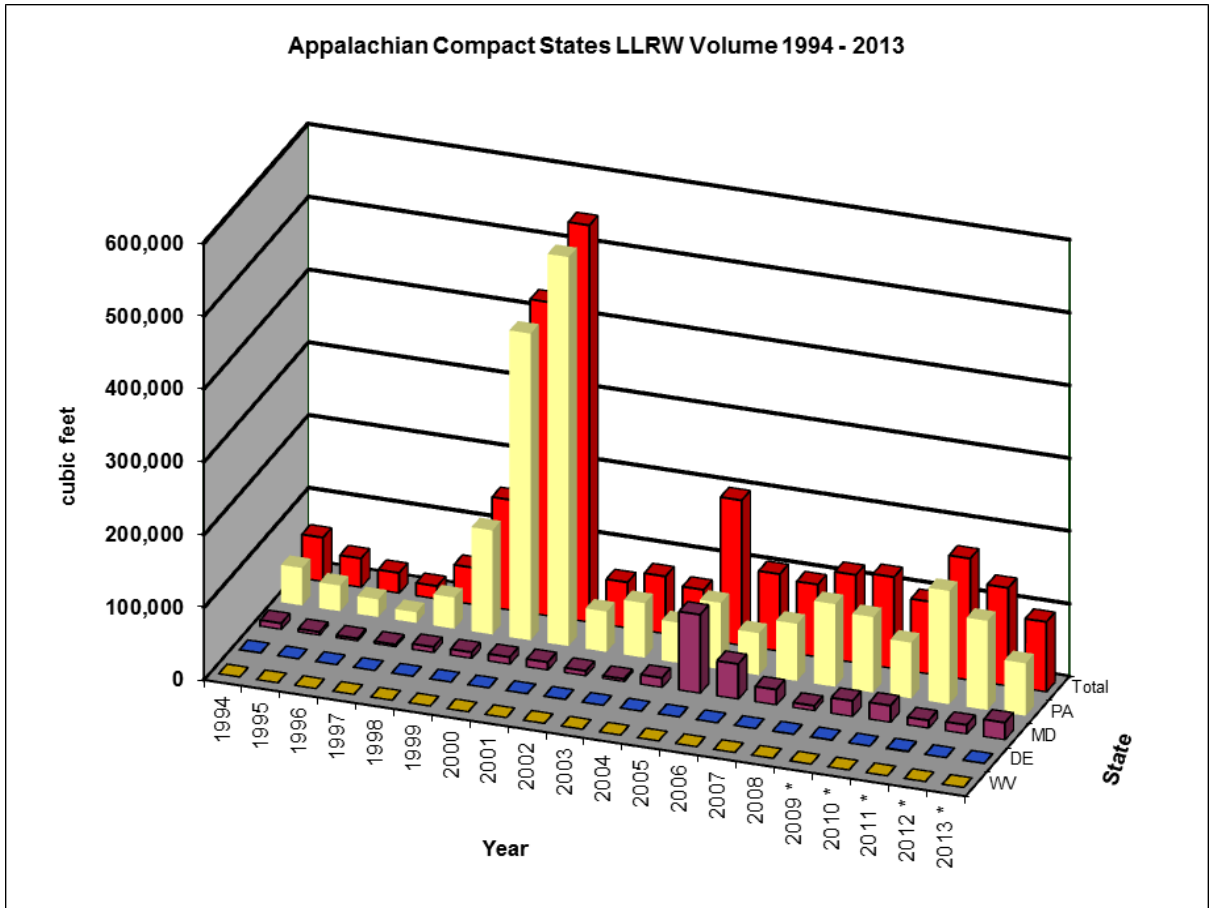


## Appalachian Compact Disposed LLRW Volume from 1994 to 2013

| Year               | WV      | DE       | MD         | PA          | Total                      |
|--------------------|---------|----------|------------|-------------|----------------------------|
| 1994               | 81.8    | 374.8    | 8,421.10   | 51,441.60   | 60,319.3                   |
| 1995               | 4.2     | 57.8     | 4,428.70   | 35,199.60   | 39,690.3                   |
| 1996               | 34.8    | 127.2    | 3,391.10   | 24,203.10   | 27,756.2                   |
| 1997               | 1.8     | 23.9     | 3,096.50   | 14,486.20   | 17,608.4                   |
| 1998               | 48      | 173.8    | 7,604.60   | 42,686.00   | 50,512.4                   |
| 1999               | 158.7   | 80.6     | 8,406.80   | 143,043.70  | 151,689.8                  |
| 2000               | 53.4    | 27.6     | 9,766.80   | 421,398.10  | 431,245.9                  |
| 2001               | 44.1    | 76.2     | 10,759.90  | 534,429.40  | 545,309.6                  |
| 2002               | 183.3   | 366.4    | 6,752.80   | 55,371.40   | 62,673.9                   |
| 2003               | 151.8   | 73.5     | 3,703.10   | 74,901.00   | 78,829.4                   |
| 2004               | 34.8    | 48.8     | 13,177.80  | 55,136.00   | 68,397.4                   |
| 2005               | 2.4     | 74.2     | 107,956.40 | 91,292.60   | 199,325.6                  |
| 2006               | 38      | 59.2     | 48,131.80  | 57,627.70   | 105,856.7                  |
| 2007               | 48.69   | 42.7     | 21,015.60  | 78,454.50   | 99,561.5                   |
| 2008               | 132.15  | 414.8    | 6,702.50   | 113,483.20  | 120,732.7                  |
| 2009 *             | 134.08  | 431.2    | 21,451.30  | 103,666.90  | 125,683.5                  |
| 2010 *             | 11.3    | 29.4     | 22,957.60  | 76,519.40   | 99,517.7                   |
| 2011 *             | 19.1    | 1,061.00 | 10,568.70  | 155,508.50  | 167,157.3                  |
| 2012 *             | 21      | 75.2     | 12,364.30  | 122,380.20  | 134,840.7                  |
| 2013 *             | 44.8    | 339.5    | 23,597.2   | 72,066.9    | 96,048.4                   |
| Total 1994 to 2013 | 1,248.2 | 3,957.8  | 354,254.6  | 2,323,296.0 | grand total<br>2,682,756.6 |

This information is from the Pennsylvania Department of Environmental Protection and EnergySolutions as of August 2014.

\* The volume of LLRW reported includes burial at the EnergySolutions facility in Clive, Utah. Data for prior years include burial at the Barnwell facility in South Carolina and the EnergySolutions facility.



## Appalachian Compact Disposed LLRW Activity from 1994 to 2013

| Year               | WV    | DE    | MD        | PA          | Total                   |
|--------------------|-------|-------|-----------|-------------|-------------------------|
| 1994               | 0.5   | 69.3  | 1,439.70  | 93,729.60   | 95,239.00               |
| 1995               | 4.6   | 0.01  | 346.2     | 5,691.90    | 6,042.70                |
| 1996               | 0.1   | 5.6   | 349.1     | 71,900.50   | 72,255.40               |
| 1997               | 0.03  | 1.3   | 198.5     | 8,017.90    | 8,217.70                |
| 1998               | 37.3  | 0.1   | 531.5     | 43,691.00   | 44,259.90               |
| 1999               | 0.5   | 0.1   | 1,335.70  | 86,618.00   | 87,954.30               |
| 2000               | 2.2   | 0.02  | 484       | 357,624.40  | 358,110.70              |
| 2001               | 0.03  | 0.03  | 903.3     | 168,919.60  | 169,822.90              |
| 2002               | 0.1   | 0.5   | 244.5     | 6,777.40    | 7,022.50                |
| 2003               | 0.2   | 24.7  | 166.3     | 241,649.80  | 241,840.90              |
| 2004               | 0.8   | 0.2   | 11,830.70 | 18,890.30   | 30,722.00               |
| 2005               | 0.7   | 31.3  | 156.8     | 58,786.20   | 58,974.90               |
| 2006               | 0.03  | 11.9  | 60.1      | 91,719.10   | 91,791.10               |
| 2007               | 0.16  | 12.9  | 25,304.70 | 492,579.30  | 517,897.00              |
| 2008               | 0.14  | 12.2  | 2,181.50  | 283,328.80  | 285,522.60              |
| 2009 *             | 0.02  | 0.5   | 4.7       | 1,001.40    | 1,006.60                |
| 2010 *             | 0.01  | 0.03  | 1.4       | 656.8       | 658.2                   |
| 2011 *             | 0.02  | 1     | 1.8       | 492.6       | 495.5                   |
| 2012 *             | 0.003 | 0.007 | 2.1       | 449.3       | 451.4                   |
| 2013 *             | 0.01  | 45.3  | 15.7      | 458.5       | 519.5                   |
| Total 1994 to 2013 | 47.5  | 217.0 | 45,558.3  | 2,032,982.4 | grand total 2,078,804.8 |

This information is from the Pennsylvania Department of Environmental Protection and EnergySolutions as of August 2014.

\*The activity of LLRW reported includes burial at the EnergySolutions facility in Clive, Utah. Data for prior years include burial at the Barnwell facility in South Carolina and the EnergySolutions facility.

Appalachian Compact States LLRW Activity 1994 - 2013

