



Appalachian States Low-Level Radioactive Waste

Appalachian Compact Low-Level Radioactive Waste Disposal Data

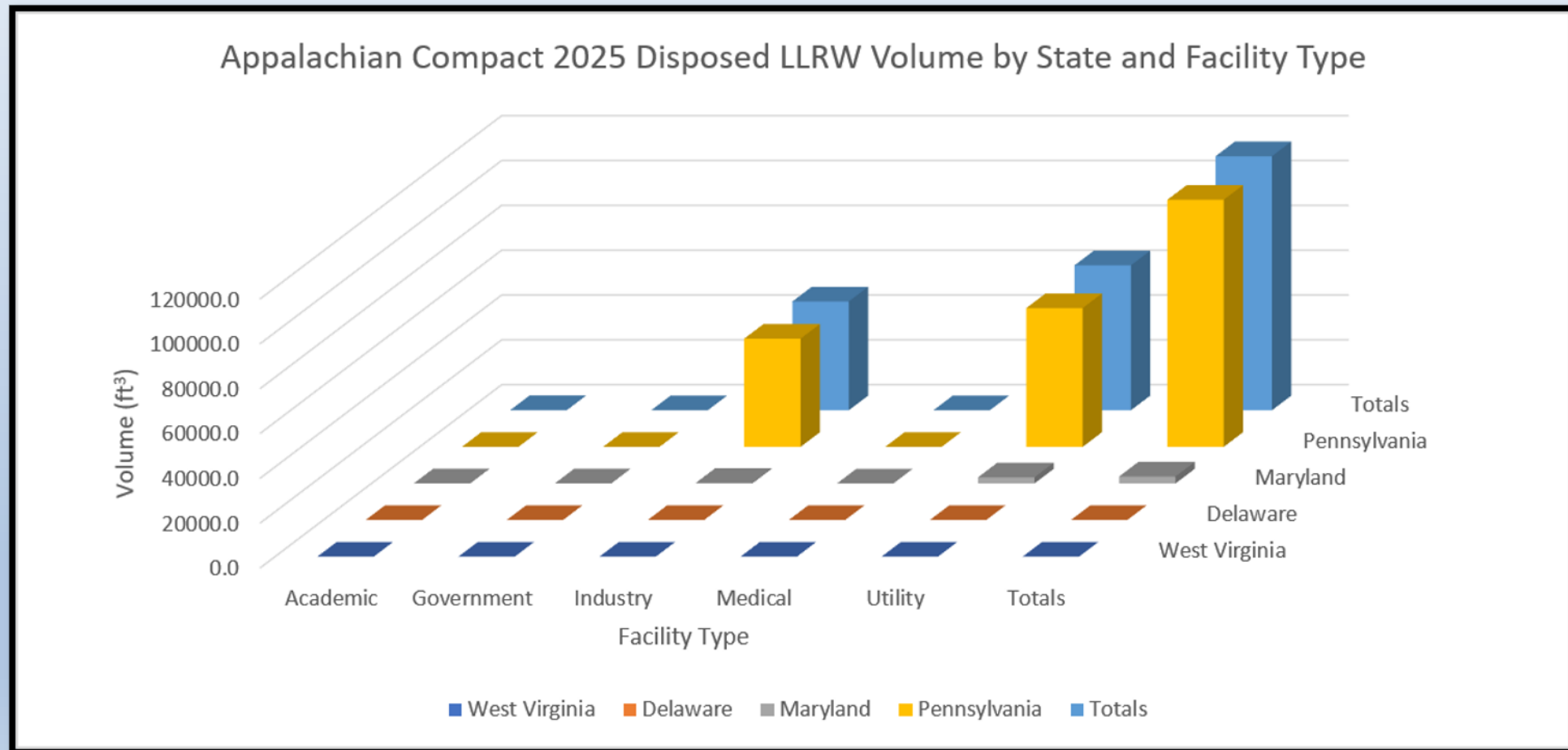
Appalachian Compact Commission Meeting
November 6, 2026

2025 LLRW Disposal Volume

Facility Type/State	West Virginia	Delaware	Maryland	Pennsylvania	Totals
Academic	2.9	0.0	38.1	35.9	76.9
Government	0.0	0.0	46.6	2.3	48.9
Industry	0.0	0.0	281.4	48250.1	48531.5
Medical	2.4	0.0	0.0	10.2	12.6
Utility	0.0	0.0	2736.1	61908.5	64644.6
Totals	5.3	0.0	3102.2	110207.0	113314.5

Volume is in cubic feet (ft³). This data pertains to the combined LLRW and source materials disposal at EnergySolutions facility in Clive, Utah, and Waste Control Specialists in Andrews, Texas.

2025 LLRW Disposal Volume

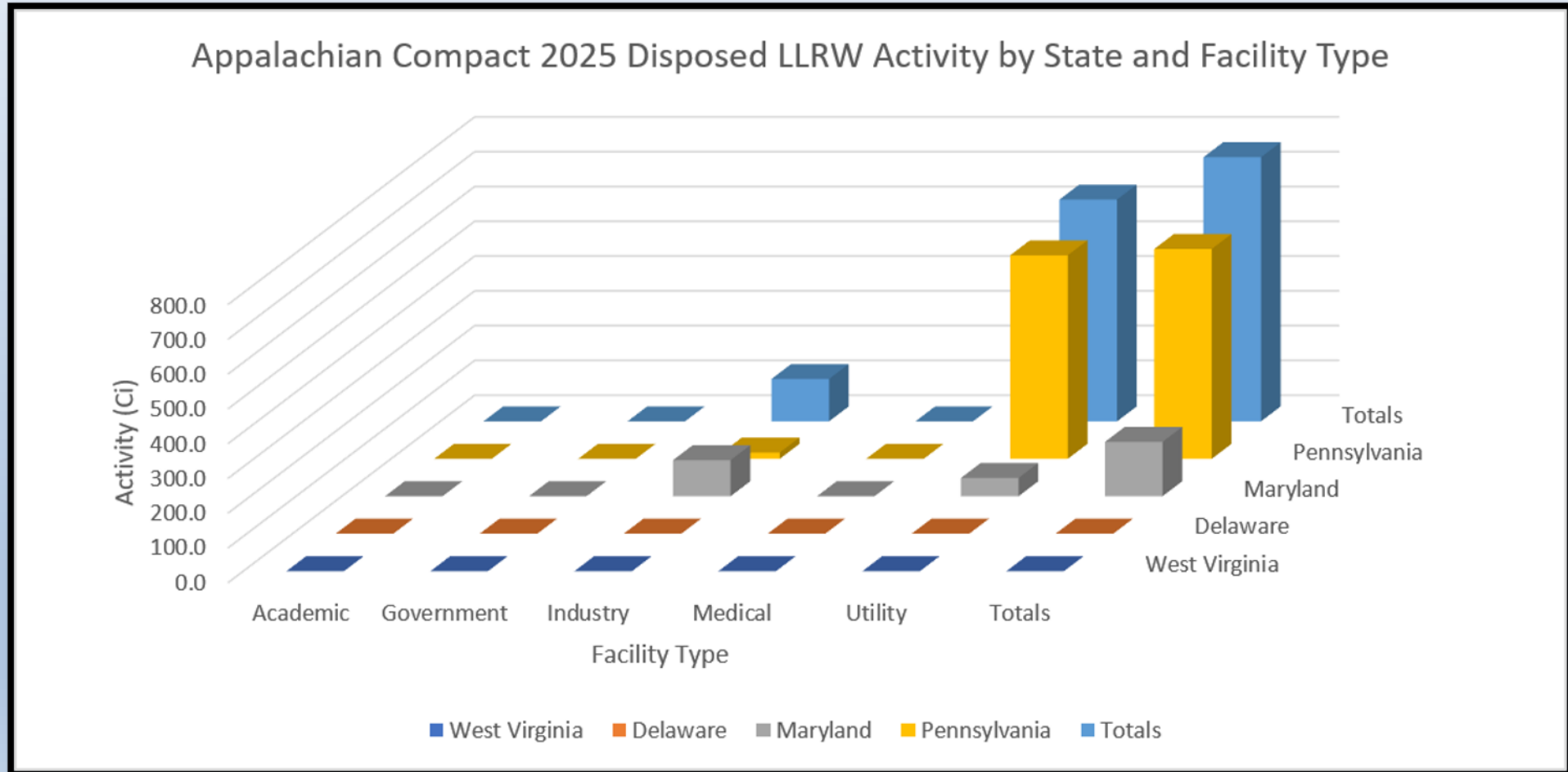


2025 LLRW Disposal Activity

Facility Type/State	West Virginia	Delaware	Maryland	Pennsylvania	Totals
Academic	<0.01	0.0	<0.01	<0.01	<0.01
Government	0.0	0.0	<0.01	<0.01	<0.01
Industry	0.0	0.0	103.7	18.1	121.8
Medical	<0.01	0.0	0.0	<0.01	<0.01
Utility	0.0	0.0	52.5	585.1	637.6
Totals	<0.01	0.0	156.2	603.2	759.4

Activity is in curies (Ci). This data pertains to combined LLRW and source materials disposal at ES facility in Clive, Utah, and WCS facility in Andrews, Texas.

2025 LLRW Disposal Activity

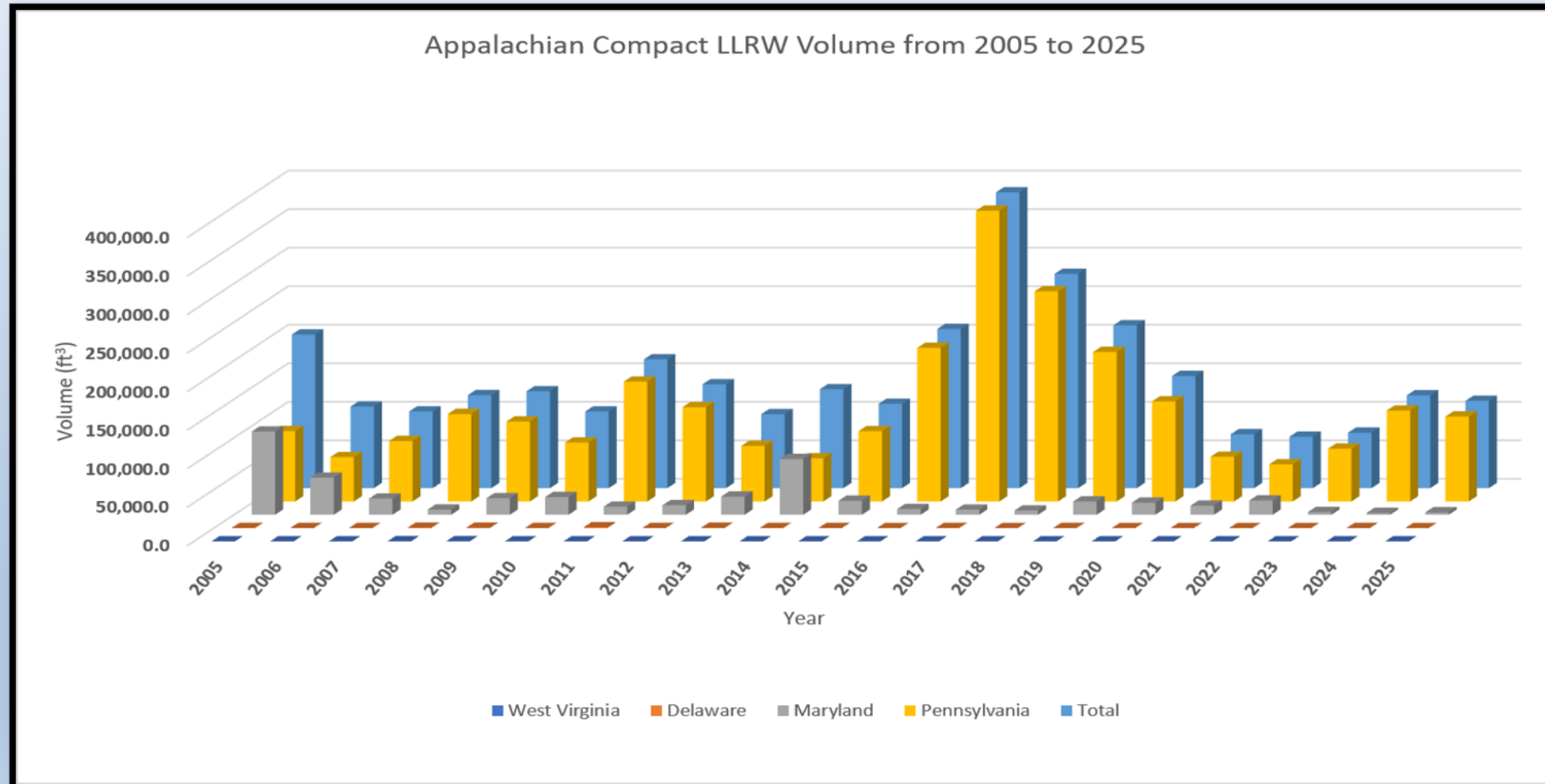


2005-2025 LLRW Disposal Trends-Volume

Year	West Virginia	Delaware	Maryland	Pennsylvania	Total
2005	2.4	74.2	107,956.4	91,292.6	199,325.6
2006	38.0	59.2	48,131.8	57,627.7	105,856.7
2007	48.7	42.7	21,015.6	78,454.5	99,561.5
2008	132.2	414.8	6,702.5	113,483.2	120,732.7
2009	134.1	431.2	21,451.3	103,666.9	125,683.5
2010	11.3	29.4	22,957.6	76,519.4	99,517.7
2011	19.1	1,061.0	10,568.7	155,508.5	167,157.3
2012	21.0	75.2	12,364.3	122,380.2	134,840.7
2013	44.8	339.5	23,597.2	72,066.9	96,048.4
2014	24.8	42.7	72,334.3	56,040.4	128,442.2
2015	19.0	45.2	18,202.9	91,222.9	109,490.0
2016	1.8	4.5	7,351.0	199,292.0	206,649.0
2017	0.7	34.1	6,588.0	377,234.0	383,857.0
2018	17.0	0.0	5,498.3	272,620.0	278,135.0
2019	0.0	26.0	17,193.0	194,052.0	211,271.0
2020	22.0	2.7	15,709.0	129,811.0	145,545.0
2021	36.0	8.0	11,824.0	58,078.0	69,946.0
2022	0.0	1.5	18,461.7	48,241.0	66,704.2
2023	42.0	7.4	3,482.0	68,455.0	71,986.4
2024	14.1	14.0	2,411.9	117,963.8	120,403.8
2025	5.3	0.0	3,102.2	110,207.0	113,314.5
Total 2005 to 2025	634.3	2,713.3	456,903.7	2,594,217.0	Grand Total 3,054,468

- 2005 to 2008 includes LLRW disposal at Barnwell, South Carolina, and ES facility in Clive, Utah. Barnwell closed to the Appalachian Compact generators on July 1, 2008.
- 2009 to 2013 volume includes disposal at ES facility in Clive, Utah.
- 2014 to 2022 includes LLRW disposal at ES facility in Clive, Utah, and WCS facility in Andrews, Texas.
- 2020 to 2025 includes both LLRW and source materials. Source materials were shipped to WCS and LLRW was sent to both ES and WCS facilities.

2005-2025 LLRW Disposal Trends-Volume

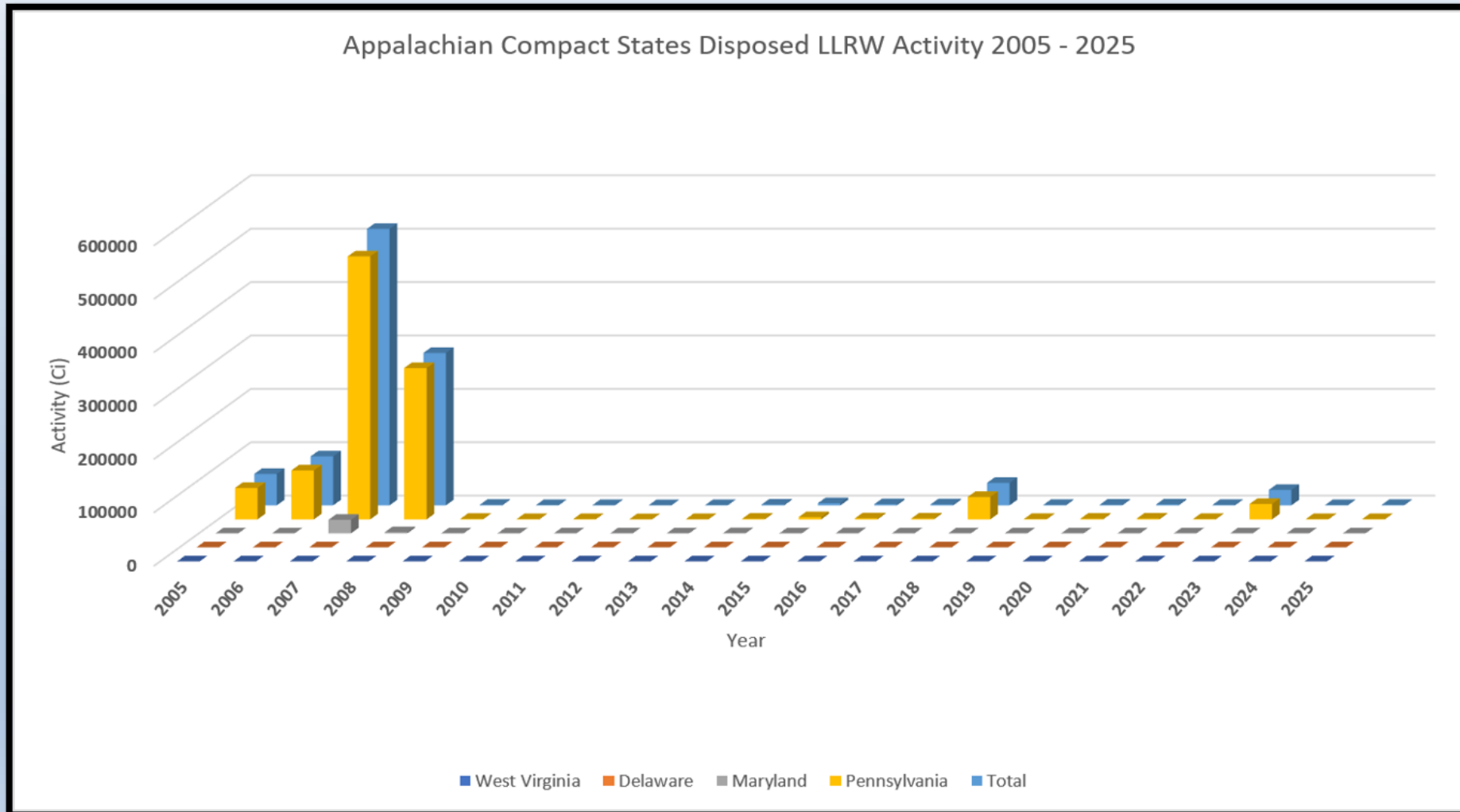


2005-2025 LLRW Disposal Trends-Activity

Year	West Virginia	Delaware	Maryland	Pennsylvania	Total
2005	0.7	31.3	156.8	58,786.2	58,975.0
2006	0	11.9	60.1	91,719.1	91,791.1
2007	0.2	12.9	25304.7	492,579.3	517,897.1
2008	0.1	12.2	2,181.5	283,328.8	285,522.6
2009	0	0.5	4.7	1,001.4	1,006.6
2010	0.0	0.03	1.4	656.8	658.2
2011	0.0	1.0	1.8	492.6	495.4
2012	0.0	0.0	2.1	449.3	451.4
2013	0.0	45.3	15.7	458.5	519.5
2014	0.0	0.01	260.7	1212.8	1,473.5
2015	0.0	0.0	27.8	4,147.3	4,175.1
2016	0.4	0.0	209	2,020.1	2,229.5
2017	0.0	0.0	178.5	1,711.3	1,889.8
2018	0.0	0.0	125.3	42,027.5	42,152.8
2019	0.0	0.0	72.6	834.1	906.7
2020	0.0	0.0	1.52	1,212.0	1,213.5
2021	0.0	0.0	68	1,615.0	1,683.0
2022	0.0	0.0	27.9	818.6	846.5
2023	0.0	0.0	114.88	28,831.3	28,946.2
2024	0.0	4.0	84.86	592.9	681.8
2025	0.0	0.0	156.2	603.2	759.4
Total 2005 to 2025	1.5	119.2	29,056.1	1,015,098.0	Grand Total
					1,044,275

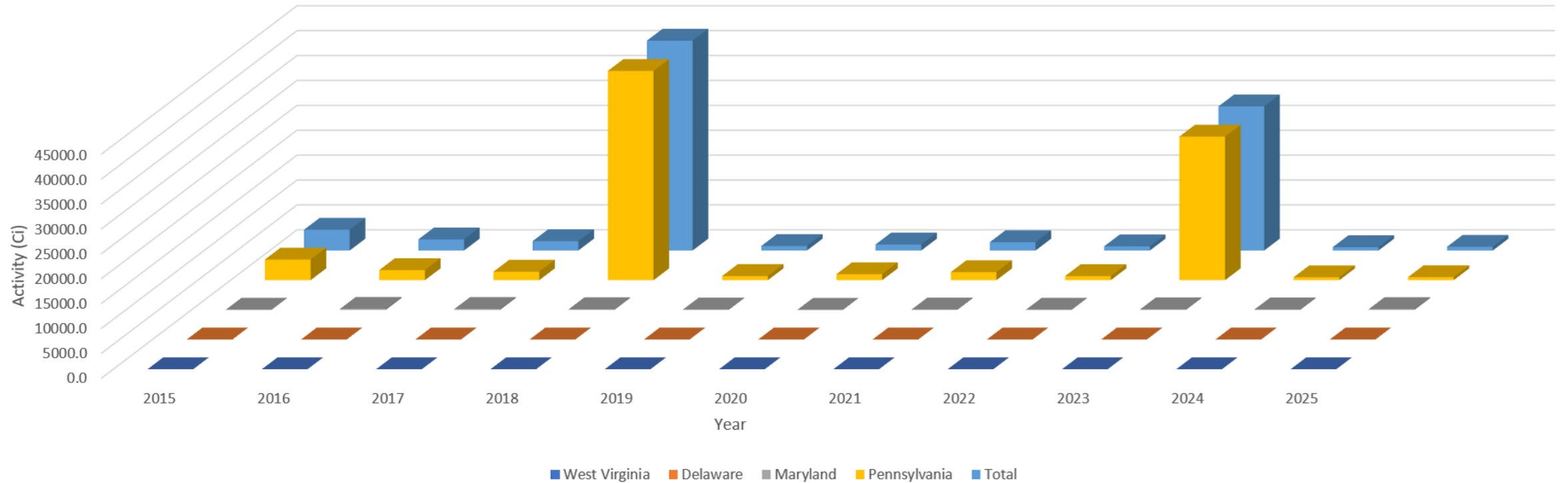
- 2005 to 2008 includes LLRW disposal at Barnwell, South Carolina, and ES in Clive, Utah
- 2009 to 2013 includes LLRW disposal only at ES in Clive, Utah.
- 2014 to 2022 includes LLRW disposal at ES in Clive, Utah, and WCS in Andrews, Texas.
- 2020 to 2025 includes both LLRW and source materials. Source materials were shipped to WCS for disposal, while LLRW was sent to both ES and ECS facilities.

2005-2025 LLRW Disposal Trends-Activity

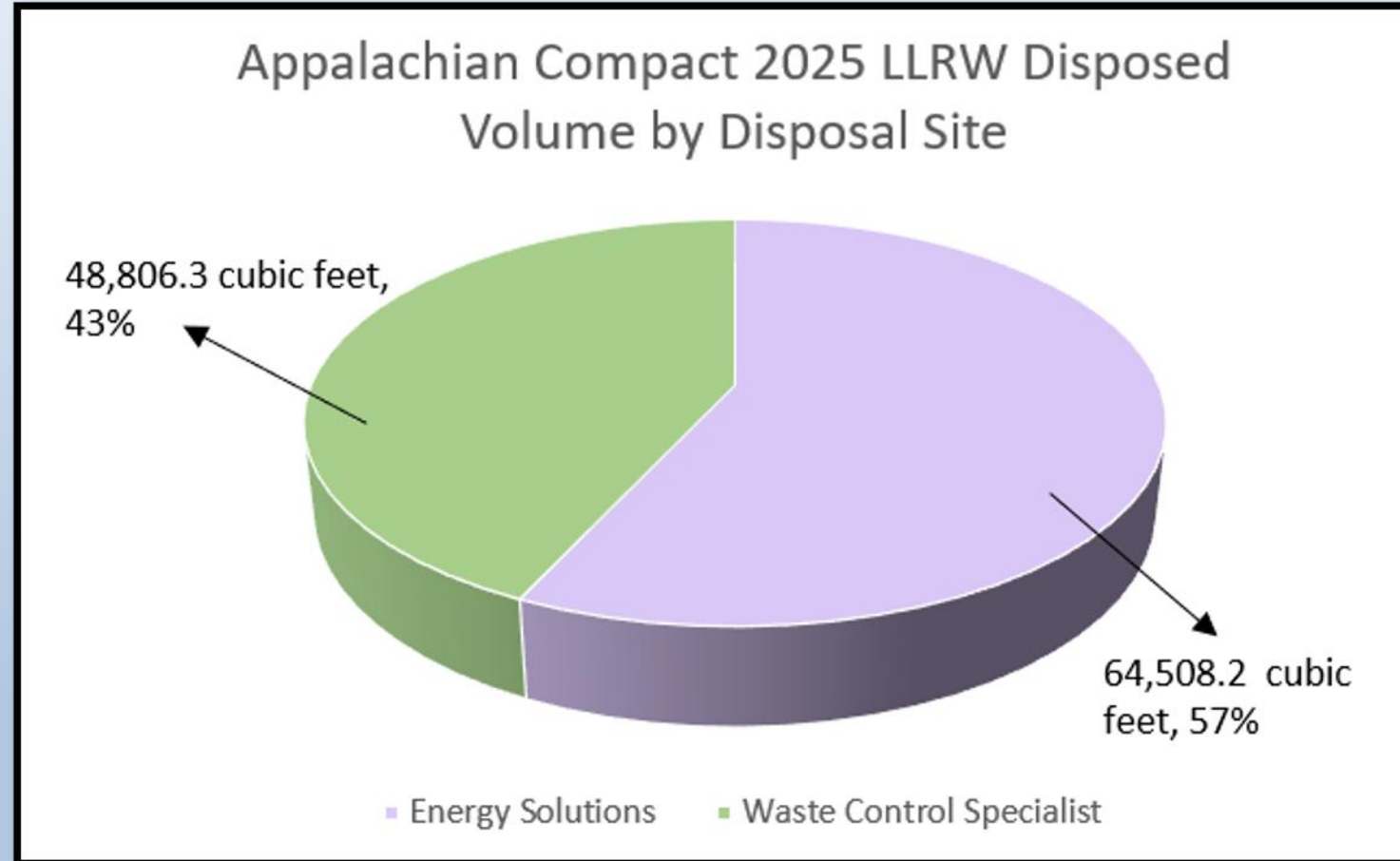


2015-2025 LLRW Disposal Trends-Activity

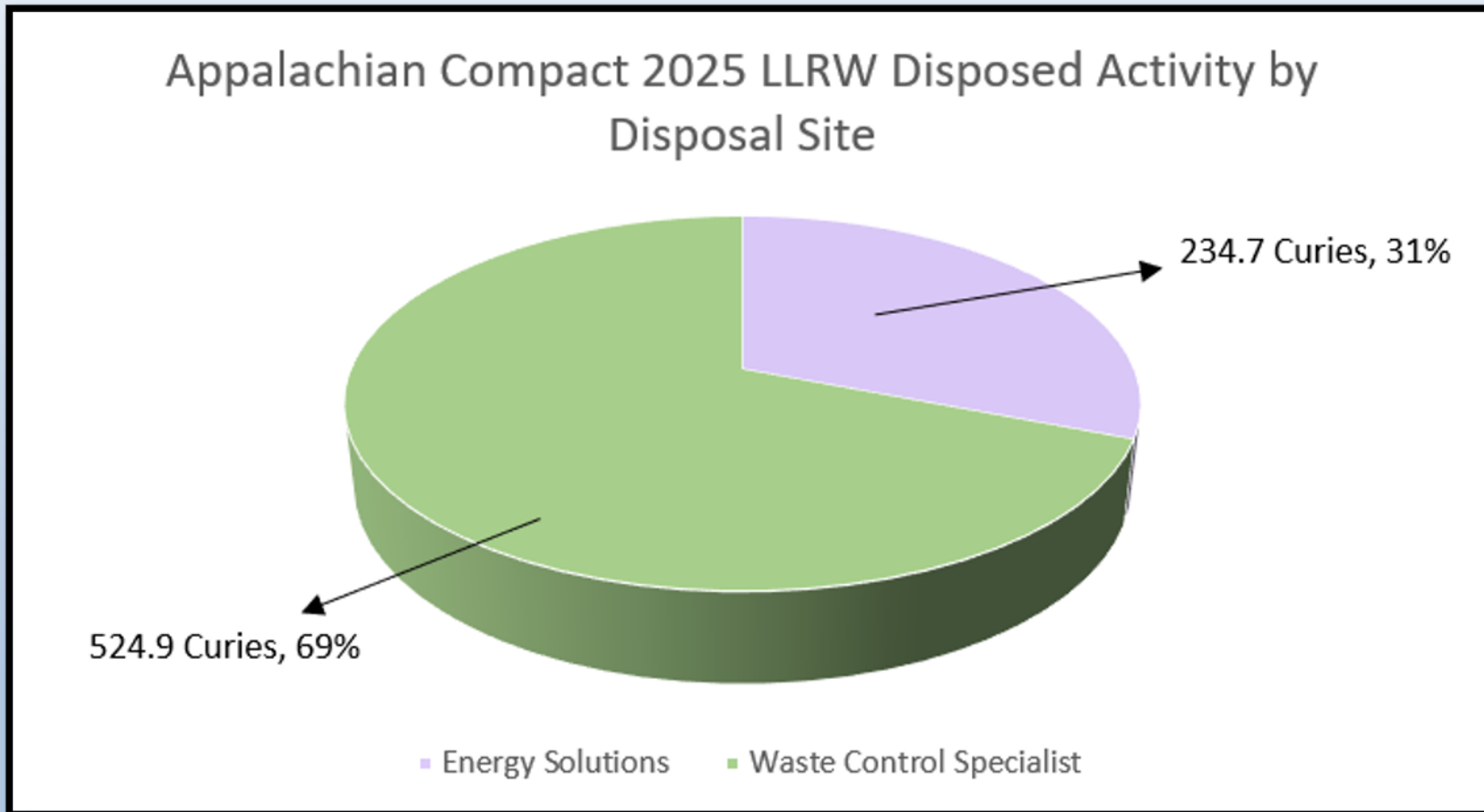
Appalachian Compact LLRW Activity from 2015 to 2025



► 2025 LLRW Disposal Facilities-Percent by Volume



▶ 2025 LLRW Disposal Facilities-Percent by Activity





**Thank you.
Questions?**

Appalachian Compact Commission