

Appalachian Compact Low-Level Radioactive Waste Disposal Data

Low-Level Waste Advisory Committee Meeting
09/25/2026



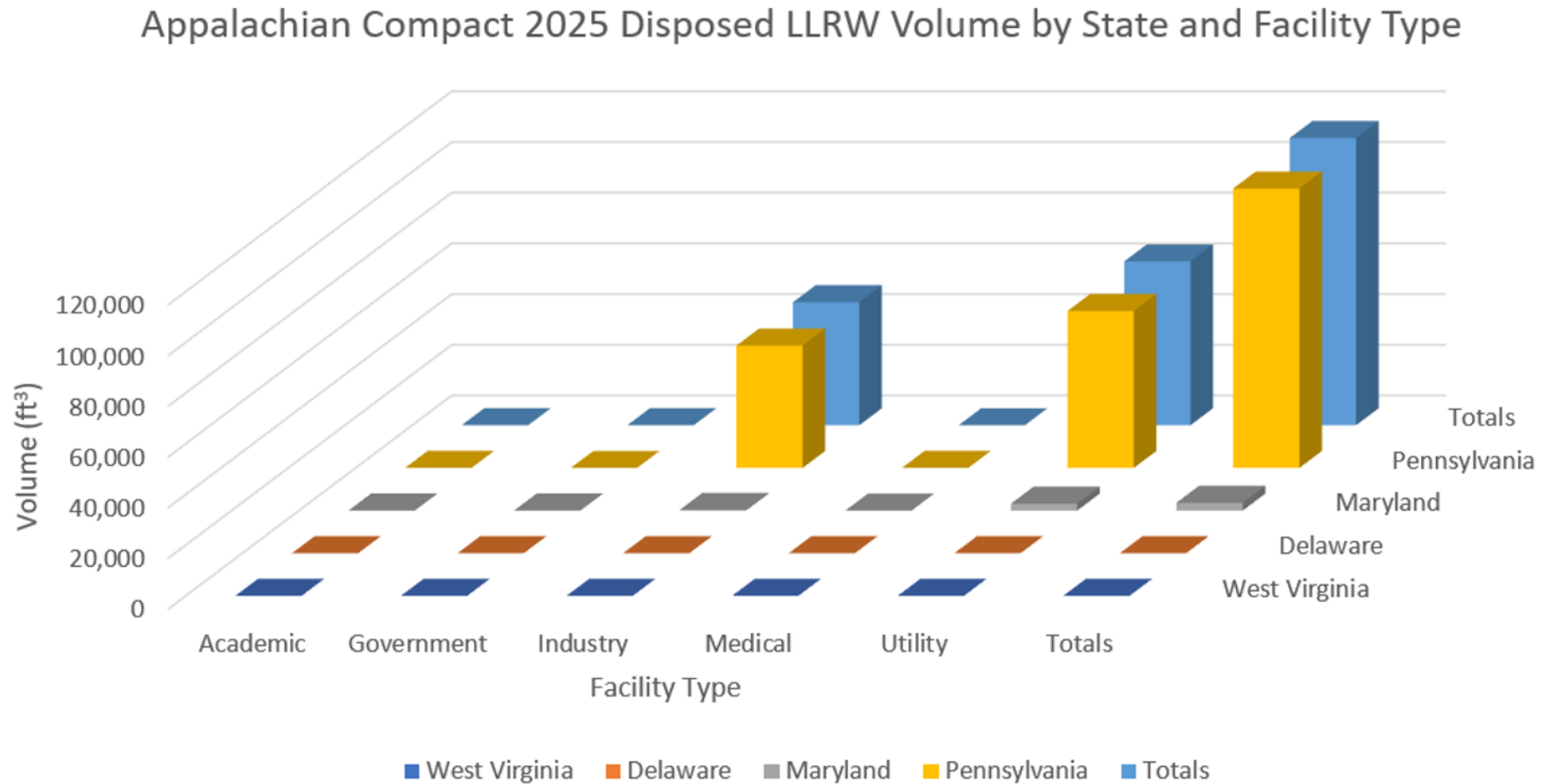
LLRW Volume Disposed - 2025

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	48,250.1	48,531.5
Medical	2.4	0.0	0.0	10.2	12.6
Utility	0.0	0.0	2,736.1	61,908.5	64,644.6
Totals	5.3	0.0	3,102.2	110,207.0	113,314.5

Volume is in cubic feet. This data is for the Appalachian Compact LLRW disposal at EnergySolutions in Clive, Utah, and Waste Control Specialists in Andrews, Texas for the calendar year 2025.



LLRW Volume Disposed - 2025



LLRW Activity Disposed - 2025

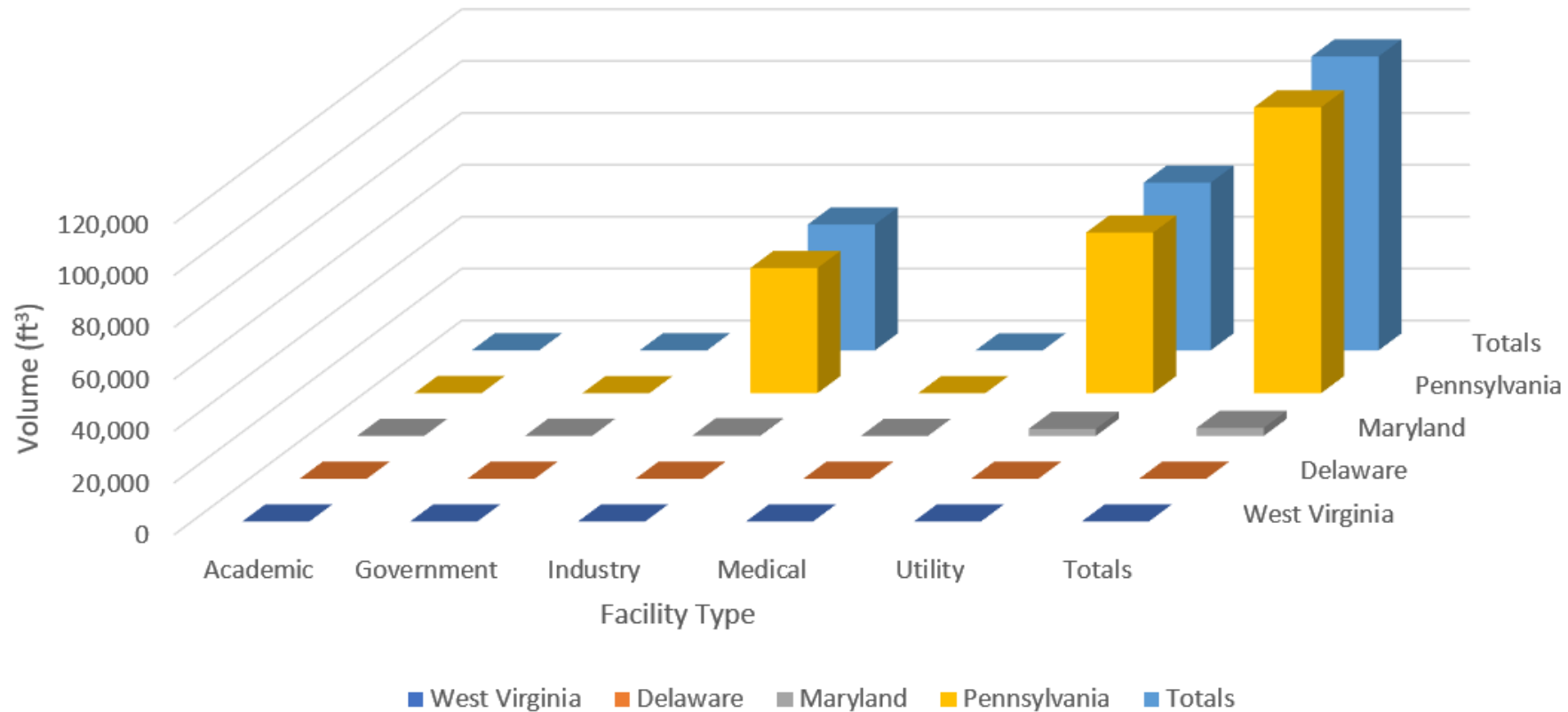
Facility Type/State	West Virginia	Delaware	Maryland	Pennsylvania	Totals
Academic	<0.01	0.0	<0.01	<0.01	<0.01
Government	0.0	0.0	<0.01	<0.01	<0.01
Industry	0.0	0.0	103.7	18.1	121.8
Medical	<0.01	0.0	0.0	<0.01	<0.01
Utility	0.0	0.0	52.5	585.1	637.6
Totals	<0.01	0.0	156.2	603.2	759.4

Activity is in curies. This data is for the Appalachian Compact LLRW disposal at EnergySolutions in Clive, Utah, and Waste Control Specialists in Andrews, Texas for the calendar year 2025.



LLRW Activity Disposed - 2025

Appalachian Compact 2025 Disposed LLRW Volume by State and Facility Type





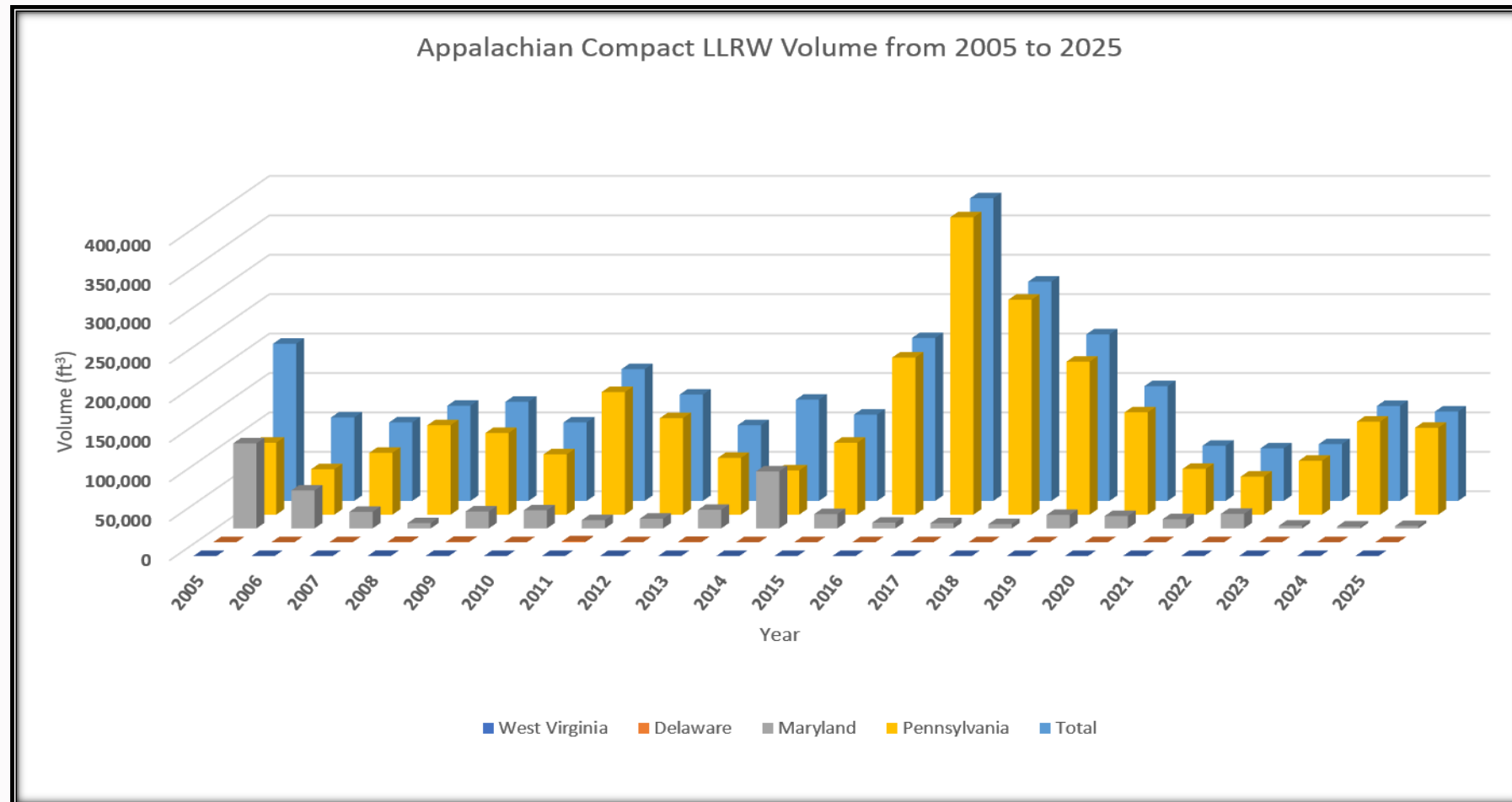
LLRW Volume (ft³) from 2005-2025

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	145,544.7
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 3,054,467.9

- 2005 - 2008 includes LLRW disposal at Barnwell, South Carolina, and EnergySolutions, Clive, Utah.
- 2009 - 2013 LLRW volume only includes disposal at EnergySolutions in Clive, Utah.
- 2014 - 2025 includes LLRW disposal at EnergySolutions in Clive, Utah, and Waste Control Specialists in Andrews, Texas.



LLRW Volume (ft³) from 2005-2025



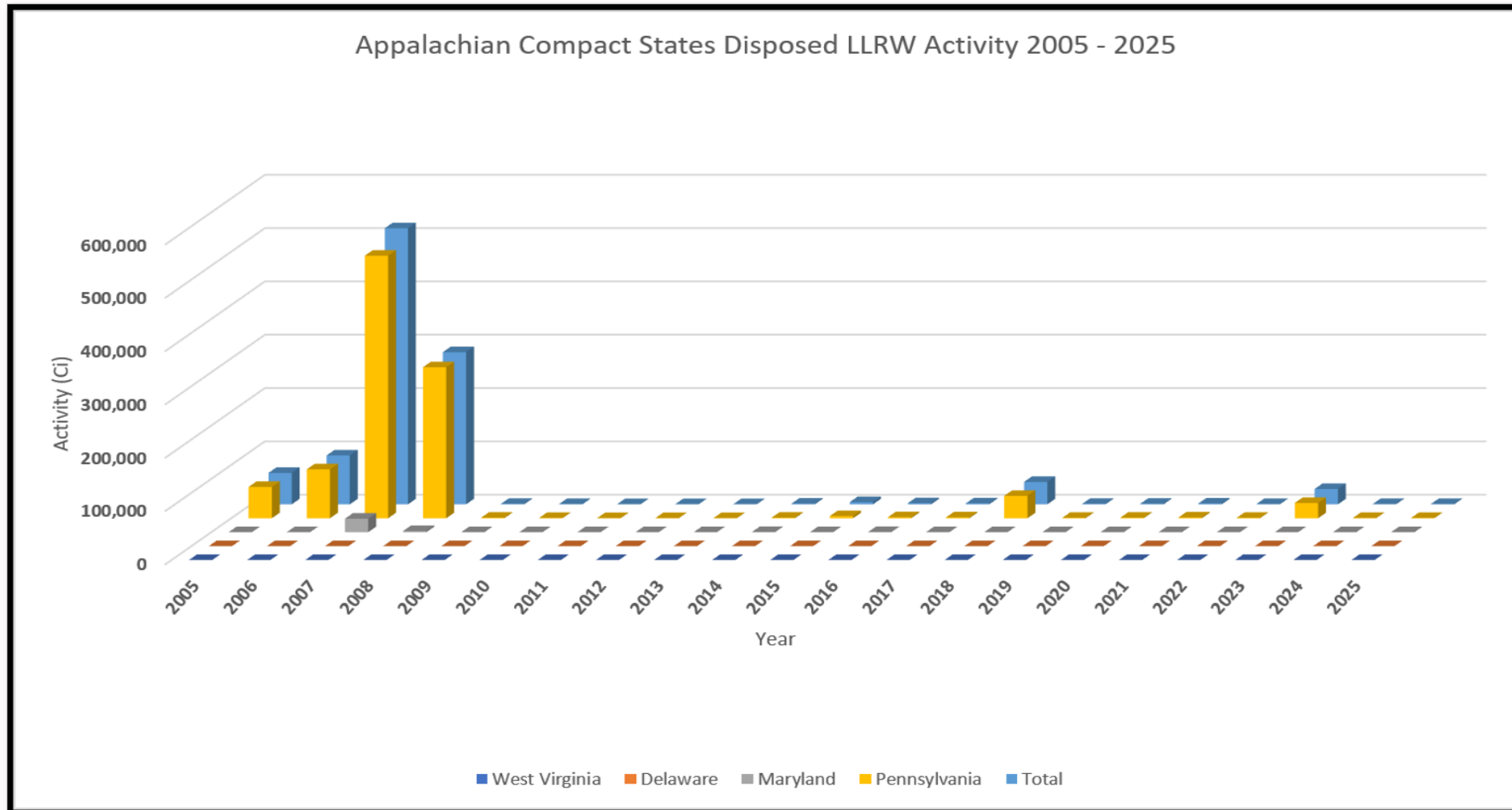
LLRW Activity (Ci) from 2005-2025

Year	West Virginia	Delaware	Maryland	Pennsylvania	Total
2005	0.7	31.3	156.8	58,786.2	58,975.0
2006	0.0	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	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 - 2008 includes LLRW disposal at Barnwell, South Carolina, and EnergySolutions, Clive, Utah.
- 2009 - 2013 LLRW volume only includes disposal at EnergySolutions in Clive, Utah.
- 2014 - 2025 includes LLRW disposal at EnergySolutions in Clive, Utah, and Waste Control Specialists in Andrews, Texas.

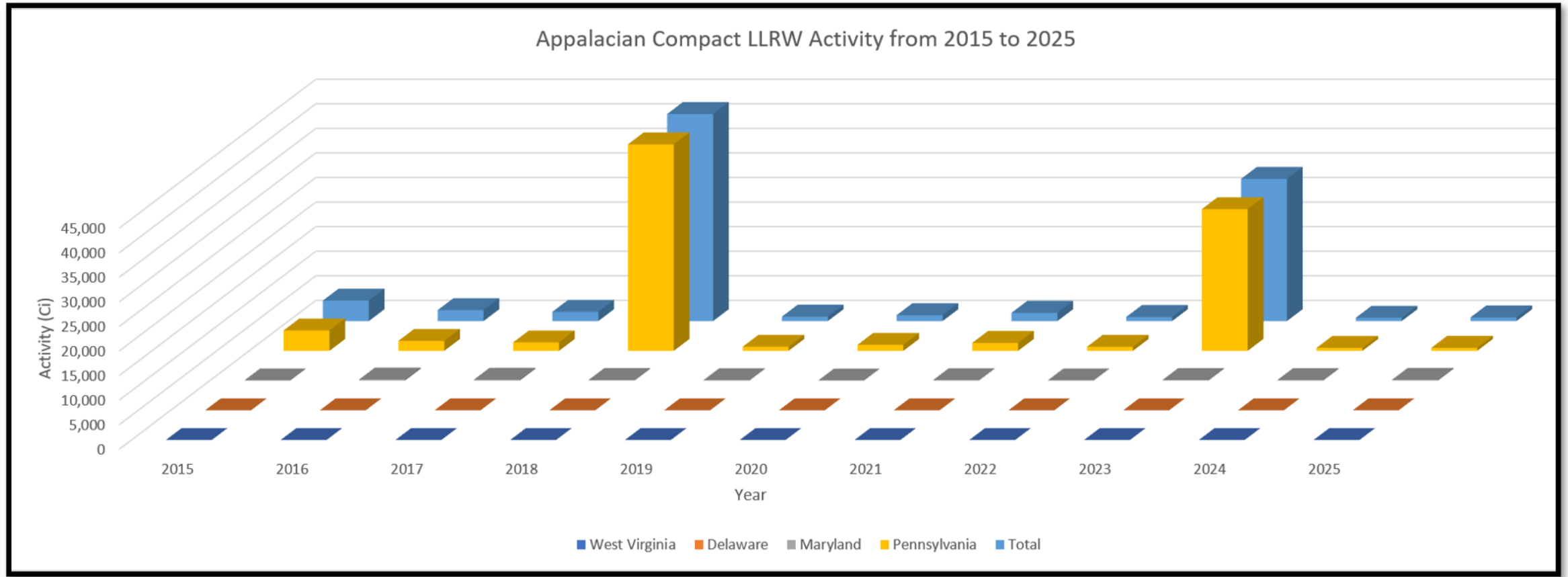


LLRW Activity (Ci) from 2005-2025



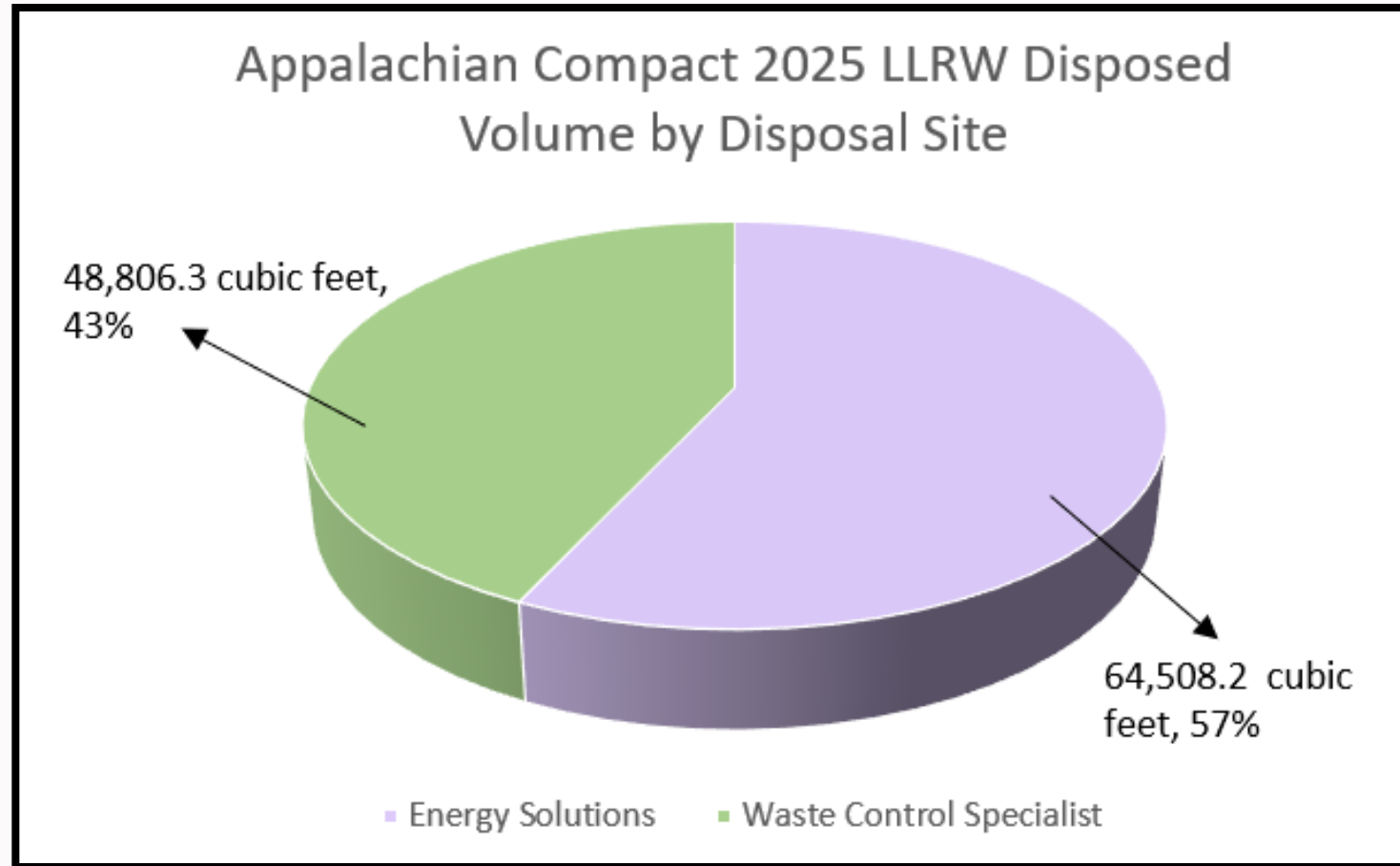


LLRW Activity (Ci) from 2015-2025





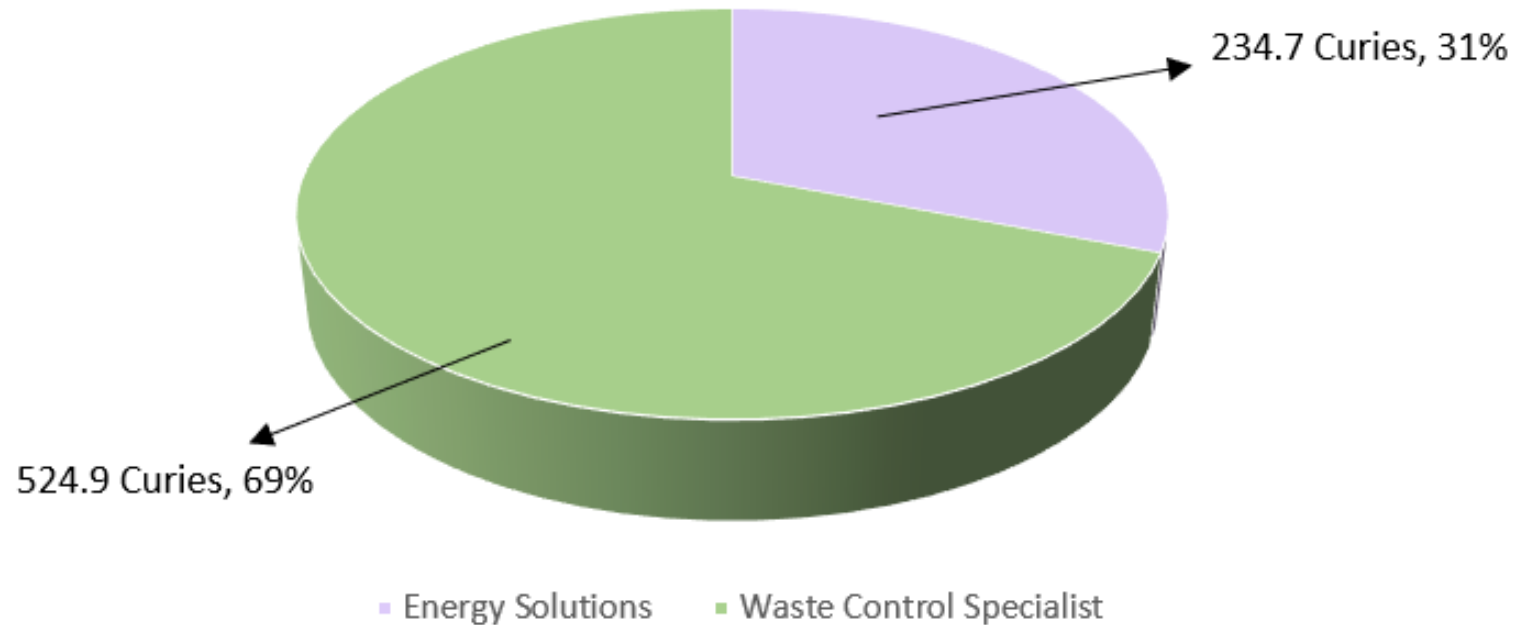
LLRW % Volume Disposed - 2025





LLRW % Activity Disposed -2025

Appalachian Compact 2025 LLRW Disposed Activity by Disposal Site





Pennsylvania
Department of
Environmental Protection

Any Questions?



Pennsylvania
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Environmental Protection

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