

1. For RY 2002 PBT Form R's (except dioxin and dioxin like compounds) that report all zeros, NAs, or blanks in Sections 8.1 through 8.7 of Form R (this should be around 2200 forms that are eligible for our Option 1 - Zero Waste Management) :

a. How many of these forms have positive values (greater than zero) completed in Section 8.8?

PBT Chemicals submitted in RY 2002	Total Forms	8.2 - 8.7 Zero Management	8.2 - 8.7 Zero and 8.8 > 0
ALDRIN	9	0	0
BENZO(G,H,I)PERYLENE	1449	633	5
CHLORDANE	17	0	0
HEPTACHLOR	13	0	0
HEXACHLOROBENZENE	95	17	0
ISODRIN	3	0	0
LEAD	4447	452	10
LEAD COMPOUNDS	4403	385	7
MERCURY	556	75	1
MERCURY COMPOUNDS	1152	66	1
METHOXYCHLOR	11	0	0
OCTACHLOROSTYRENE	5	0	0
PENDIMETHALIN	18	2	0
PENTACHLOROBENZENE	19	1	0
POLYCHLORINATED BIPHENYLS	116	20	1
POLYCYCLIC AROMATIC COMPOUNDS	2219	517	4
TETRABROMOBISPHENOL A	49	8	0
TOXAPHENE	17	0	0
TRIFLURALIN	34	2	0
Total	14632	2178	29

b. For those positive values, what is the range in #'s of pounds reported for Section 8.8?

Doc Ctrl Num	PBT Chemical	8.8 Amount
1302200209524	BENZO(G,H,I)PERYLENE	0.0004
1302200805733	LEAD	0.01
1302200209536	POLYCYCLIC AROMATIC COMPOUNDS	0.04
1302200936348	BENZO(G,H,I)PERYLENE	0.5
1302200114510	BENZO(G,H,I)PERYLENE	0.75
1302201014964	BENZO(G,H,I)PERYLENE	0.9
1302202086498	LEAD	0.98
1302200564666	LEAD	1
1302201015031	BENZO(G,H,I)PERYLENE	2
1302200918860	POLYCYCLIC AROMATIC COMPOUNDS	10.82
1302201059704	LEAD	15.0191
1302200351082	MERCURY COMPOUNDS	32
1302200548954	LEAD COMPOUNDS	45
1302200114522	POLYCYCLIC AROMATIC COMPOUNDS	70
1302200215681	LEAD COMPOUNDS	84.56
1302200526352	LEAD COMPOUNDS	100.9
1302200908515	LEAD COMPOUNDS	150
1302201015029	POLYCYCLIC AROMATIC COMPOUNDS	177
1302200135580	LEAD	200
1302200916878	LEAD COMPOUNDS	219
1302200177816	LEAD	220
1302200478117	MERCURY	228
1302201919356	LEAD COMPOUNDS	850
1302200851564	LEAD	880
1302200840864	LEAD	1281.32
1302200756536	POLYCHLORINATED BIPHENYLS	1532
1302200575809	LEAD	2070
1302200979730	LEAD	2300
1302200418313	LEAD COMPOUNDS	4705

2. Option 2 is the Zero Total Disposal or other Releases Option. Form R's that qualify for this option must report a PBT chemical (except dioxin and dioxin-like compounds), have all zeros, NAs, or blank in Section 8.1 a-d, but these do have some waste management information provided in Sections 8.2 through 8.7. To qualify for this option a reporter must have 500 pounds or less for a total annual reportable amount when Sections 8.2-8.7 are added.

a. Please determine how many facilities meeting the criteria in #2 above have 500 pounds or less (ARA) by adding 8.2 + 8.3 + 8.4 + 8.5 + 8.6 + 8.7 + 8.8.

Number that have Total Releases (sections 5&6) of Zero and have <= 500 pounds reported in Sections 8.2 - 8.7

2072 [See Table below for details](#)

Number that have Total Releases (sections 5&6) of Zero and have <= 500 pounds reported in Sections 8.2 - 8.8

2069

d. How many of these forms have positive values (greater than zero) completed in Section 8.8?

[See the 5th column in the table below](#)

PBT Chemicals submitted in RY 2002	Total Forms	Zero Releases in 5&6 and <= 500 in 8.2-8.7 (Forms)	Zero Releases in 5&6 and <= 500 in 8.2-8.7 (Facilities)	Zero Releases in 5&6 and <= 500 in 8.2-8.7 and 8.8 > 0 (Forms)
ALDRIN	9	0	0	0
BENZO(G,H,I)PERYLENE	1449	695	692	10
CHLORDANE	17	1	1	0
HEPTACHLOR	13	1	1	0
HEXACHLOROBENZENE	95	31	31	1
ISODRIN	3	0	0	0
LEAD	4447	740	740	6
LEAD COMPOUNDS	4403	440	438	0
MERCURY	556	106	106	2
MERCURY COMPOUNDS	1152	80	78	0
METHOXYCHLOR	11	0	0	0
OCTACHLOROSTYRENE	5	1	1	0
PENDIMETHALIN	18	1	1	0
PENTACHLOROBENZENE	19	5	5	0
POLYCHLORINATED BIPHENYLS	116	39	39	1
POLYCYCLIC AROMATIC COMPOUNDS	2219	578	575	6
TETRABROMOBISPHENOL A	49	12	12	0
TOXAPHENE	17	3	3	0
TRIFLURALIN	34	3	3	0
Total	14632	2736		26

Zero Releases in 5&6 and <= 500 in 8.2-8.8 (Forms)	Zero Releases in 5&6 and <= 500 in 8.2-8.8 (Facilities)
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0	0
695	692
1	1
1	1
31	31
0	0
738	740
440	438
106	106
80	78
0	0
1	1
1	1
5	5
38	39
578	575
12	12
3	3
3	3

2733

b. For those Forms which total 500 pounds or less, what is the "mid-point" of the totals for Sections 8.2-8.8.

Forms	Min	Max
2736	0	500

b. For those Forms which total 500 pounds or less, what is the "mid-point" of the totals for Sections 8.2-8.8

c. What is the average ARA for these Forms?

Chemical	Forms	Min	Max
All	2733	0	500
Lead & Lead Compounds	1178	0	500
Mercury & Mercury Compounds	186	0	273
POLYCYCLIC AROMATIC COMPOUNDS & BENZO(G,H,I)PERYLENE	1273	0	484.9
Lead	738	0	500
Lead Compounds	440	0	480
Mercury	106	0	266.5
Mercury Compounds	80	0	273
BENZO(G,H,I)PERYLENE	695	0	484.9
POLYCYCLIC AROMATIC COMPOUNDS	578	0	481

7 on these forms?

Average
29.9869

on these forms?

Average

30.229
56.5974
20.02742
5.610927
72.98998
29.10258
23.02303
16.05825
4.675051
6.736246

e. For those positive values, what is the range in #'s of pounds reported for Section 8.8?

Doc Ctrl Num	PBT Chemical	8.8 Amount
1302200828580	LEAD	0.06
1302200074122	HEXACHLOROBENZENE	0.1
1302200713067	BENZO(G,H,I)PERYLENE	0.1
1302200794055	POLYCYCLIC AROMATIC COMPOUNDS	0.1
1302200074134	POLYCYCLIC AROMATIC COMPOUNDS	0.5
1302200936348	BENZO(G,H,I)PERYLENE	0.5
1302200114510	BENZO(G,H,I)PERYLENE	0.75
1302201014964	BENZO(G,H,I)PERYLENE	0.9
1302200426878	BENZO(G,H,I)PERYLENE	1
1302200526717	MERCURY	1.06
1302200903274	LEAD	1.2
1302200438909	BENZO(G,H,I)PERYLENE	1.4
1302200469930	BENZO(G,H,I)PERYLENE	2
1302200516589	BENZO(G,H,I)PERYLENE	2
1302201015031	BENZO(G,H,I)PERYLENE	2
1302200827273	LEAD	10
1302200002929	LEAD	17.53
1302200941324	POLYCYCLIC AROMATIC COMPOUNDS	42
1302200114522	POLYCYCLIC AROMATIC COMPOUNDS	70
1302201014949	POLYCYCLIC AROMATIC COMPOUNDS	83
1302201015029	POLYCYCLIC AROMATIC COMPOUNDS	177
1302200478117	MERCURY	228
1302200498184	BENZO(G,H,I)PERYLENE	255.4
1302200329415	LEAD	324.9
1302200756536	POLYCHLORINATED BIPHENYLS	1532
1302200979730	LEAD	2300