

Purpose of Diversion Report

- Track & evaluate programs
- Fulfill State reporting requirements
- Provide information for communications









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Solid Waste Metrics

- Diversion rate: Diverted/(Diverted + Disposed)
- Disposal rate: Lbs/Capita/Day Disposed
- Recovery rate: % of targeted, divertible material recovered
- Environmental impacts: GHG emissions saved



2022 Highlights

- Total solid waste generation (disposed) down 0.1%
- MSW: tons disposed decreased 2.5% & tons diverted increased by 2.6%
- C&D: tons disposed increased to highest in ten years & tons diverted was slightly lower than normal but 2.1% higher than 2021
- MSW diversion rate remained high at 55%
- Recovery rate for mandatory recyclables decreased very slightly



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Data & Comparisons to 2021

MSW DISPOSED

■ 2021: 86,853 tons 2022: 84,716 tons

Down 2.5%

2021: 2.74 lbs/cap/day2022: 2.67 lbs/cap/day





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Data & Comparisons to 2021

MSW DIVERTED (continued)

- Significant increases in food residuals, glass, clean wood diverted
- Significant rebound in amount of scrap metal diverted
- Decrease in diverted textiles and paper



Data & Comparisons to 2021

MSW DIVERTED

■ 2021: 100,670 tons

2022: 103,337 tons

Up 2.6%

2021; 3.18 lbs/cap/day2022; 3.26 lbs/cap/day





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Data & Comparisons to 2021

MSW DIVERTED (continued)

- McNeil Generating Station took in 74% of clean wood
- ODF now takes clean wood from CSWD facilities about 26% of total this year
- Increased food residuals likely due to mandatory organics separation
- Decreased paper and textiles likely due to post pandemic correction



Data & Comparisons to 2021

MSW DIVERSION RATE

Diverted/(Diverted + Disposed)

2021: 53.7% 2022: 55.0%



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Data & Comparisons to 2021

MSW DIVERSION RATE (continued)

Maximum diversion rate: 81.1%
 (tons diverted + tons disposed that are currently divertible)/(tons diverted + total tons disposed)







Data & Comparisons to 2021

MSW DIVERSION RATE (continued)

US 2018: 32%

Vermont 2022: 34%Seattle 2020: 54%

San Francisco FY21: 51%Portland Metro 2021: 47%



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GHG Emissions Reduction

MSW RECYCLABLES & ORGANICS DIVERTED

■ 175,000 MTCO₂E reduced

Equivalent to taking 37,000 cars off the road





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Data & Comparisons to 2021

C&D DISPOSED

• 2021: 33,177 tons 2022: 35,237 tons

Up 6.2%

2021: 1.05 lbs/cap/day2022: 1.11 lbs/cap/day





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Data & Comparisons to 2021

C&D DIVERTED (continued)

- Asphalt and concrete recycling close to 2021 (85,870 tons vs. 81,500 in 2021)
- Diversion rate decreased slightly to 71.1% from 71.9% in 2021
- Many large ongoing construction/demolition projects





Data & Comparisons to 2021

C&D DIVERTED

■ 2021: 84,703 tons 2022: 86,491 tons

Up 2.1%

■ 2021: 2.67 lbs/cap/day 2022: 2.73 lbs/cap/day





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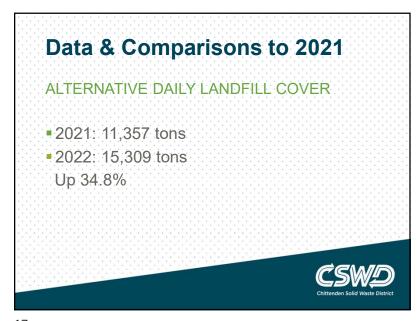
Data & Comparisons to 2021

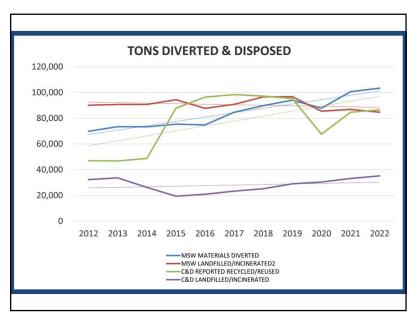
C&D DIVERSION RATE

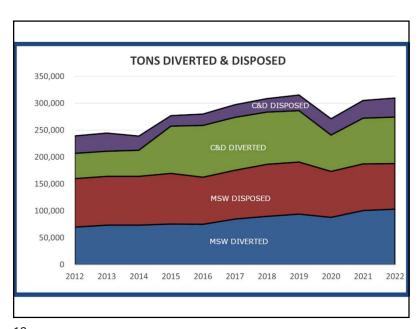
■ 2021: 71.9% 2022: 71.1%

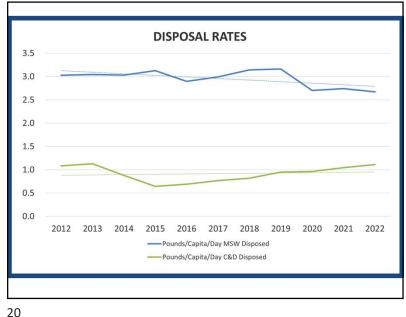
Maximum 2022 diversion rate: 79.4%



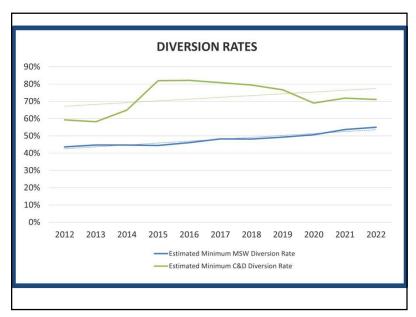


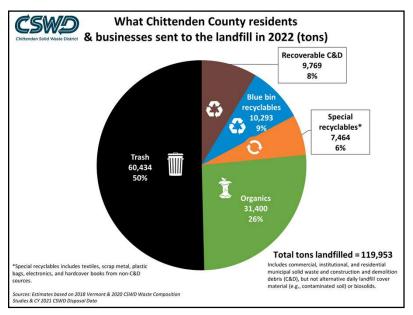






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Recovery Rates

BLUE BIN RECYCLABLES

2021: 81.5 %
2022: 82.8%

MSW RECYCLABLES & ORGANICS

2021: 66.6%
2022: 67.8%

MATERIALS MSW Materials Diverted & Disposed ¹	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	% CHG 21-22	% CMG 12-7
MSW Materials Diverted & Disposed *		2023	2024	2025	2020	2027	2020	2025	LOLO	LULA	LOLL	The state of the s	
Paper	23,924	24,439	23,685	26,303	26,743	33,199	36,723	35,215	35,348	43,211	35,724	-17.3%	33.0%
2 Plastic 2 Glass	1,614 2,996	1,660 4,148	1,606 4,506	1,708	1,705	1,998 3,784	2,250 3,914	2,232 3,420	2,408 4,321	2,328 3,189	4,377	37.2%	32.2% 31.6%
4 Metal Cans & Foil	514	538	623	600	694	673	662	725	784	707	699	-1.0%	26.5%
5 Single-Stream Recyclables/Composite Materials	. 0	0	1,951	0	. 0	. 0	26	- 1	36	74	43	-41.9%	100.0%
6 Estimated Share of Redeemed Bottle Bill Material	4,587	4,447	4,462	4,506	4,521	4,551	4,593	4,588	4,577	4,583	4,574	-0.2%	-0.3%
7 Estimated Additional Commercial	4,905	4,935	4,955	5,011	3,024	NA.	NA.	NA.	NA.	NA	NA	NA NA	NA.
TOTAL PAPER, CONTAINERS, & PACKAGING	38,540	40,167	41,788	41,626	40,594	44,206	48,169	46,180	47,474	54,092	47,799	-11.6%	19.4%
Stimated Backyard Composting/On-site Management	10,910	11,798	11,836	11,032	11,345	11,363	11,615	13,714	14,901	15,670	15,673	0.0%	30.4%
10 Wood 1	6,260	7,740	5,843	7,833	5,826	9,201	7,419	9,256	3,511	5,834	8,481	45.4%	26.2%
11 Reported & Estimated Yard Trimmings	5,219	4,390	4,574 3.870	4,835	5,151 5,684	5,379	5,155	5,663	5,124	4,360	3,975	-8.8% 40.2%	-31.3% 86.7%
12 Food Residuals & Non-recyclable Paper 13 TOTAL ORGANICS	2,623 25,012	3,302	26,123	28,173	28,006	32,876	35.020	40,751	34,312	39,955	47,887	19.9%	47.8%
14 TEXTILES	25,012	642	677	1.025	1,102	1.174	1.309	1.465	882	2 029	1.235	-39.1%	69.2%
10 SCRAP METAL	3.277	3,484	3.097	3.127	3,728	4.261	3,303	3,386	3,694	2,933	5.074	73.0%	35.4%
16 HAZARDOUS WASTE	87	123	142	113	91	109	207	186	101	98	97	-1.0%	10.3%
17 ELECTRONICS	1,025	909	964	816	777	795	666	648	440	642	470	-26.9%	-118.2%
18 TIRES	1,540	855	574	549	593	1,256	1,124	1,442	932	922	775	-15.9%	-98.7%
MSW MATERIALS DIVERTED	69,860	73,408	73,366	75,429	74,891	84,679	89,797	94,059	87,834	100,670	103,337	2.6%	32.4%
20 MSW LANDFILLED/INCINERATED*	90,173	90,751	90,688	94,377	87,735	90,890	96,686	96,800	85,457	86,853	84,716	-2.5%	-6.4%
21 Pounds/Capita/Day MSW Diverted	2.35	2.46	2.45	2.50	2.47	2.79	2.92	3.07	2.78	3.18	3.26	2.6%	28.0%
22 Pounds/Capita/Day MSW Disposed 23 Estimated Minimum MSW Diversion Rate	3.03 43.7%	3.04 44.7%	3.03	3.13	2.90 46.1%	2.99 48.2%	3.14 48.2%	3.16 49.3%	2.70 50.7%	2.74 53.7%	2.67 55.0%	-2.5% 2.4%	-13.4% 20.6%
C&D Moterials Diverted & Disposed 24 C&D RIPORTED RECYCLED/RRUSED 25 C&D LANDFRLED/INCINERATED	47,012 32,268	46,833	48,786 26,299	87,799 19,397	96,354	98,404 23,330	97,181 25,178	95,404 29,085	67,658 30,408	84,703 33,177	86,491 35,237	2.1% 6.2%	45.6% 8.4%
26 Pounds/Capita/Day C&D Diverted	1.58	1.57	1.63	2.91	3.18	3.24	3.16	3.12	2.14	2.67	2.73	2.1%	42.1%
27 Pounds/Capita/Day C&D Disposed	1.08	1.13	0.88	0.64	0.69	0.77	0.82	0.95	0.96	1.05	3.11	6.2%	2.4%
20 Estimated Minimum C&O Diversion Rate	59.3%	58.2%	65.0%	81.9%	82.1%	80.8%	79.4%	76.6%	69.0%	71.9%	71.1%	-1.1%	16.5%
MSW & C&D Combined													
29 TOTAL MSW & C&D LANDFILLED/INCINERATED*	122,442	124,391	116,987	113,773	108,691	114,220	121,865	125,885	115,865	120,031	119,953	-0.1%	-2.1%
30 Pounds/Capita/Day MSW & C&D Diverted	3.93	4.03	4.08	5,41	5.65	6.03	6.08	6.19	4.92	5.85	5.99	2.4%	34.4%
31 Pounds/Capita/Day MSW & C&D Disposed	4.11	4.17	3.91	3,77	3.59	3.76	3.96	4.11	1.66	3.79	3.78	-0.1%	-8.7%
32 Estimated Minimum MSW & C&D Diversion Rate	48.8%	49.2%	51.1%	58.9%	61.2%	61.6%	60.5%	60.1%	57.3%	60.7%	61.3%	1.0%	20.3%
Other Disposal													
33 Alternative Daily Landfill Cover	9,633	9,040	7,052	16,927	12,254	23,815	7,480	6,318	7,162	11,357	15,309	34.8%	37.1%
POPULATION ESTIMATES													
CSWD Resident Population	158,675	159,432	159,945	161,382	161,531	162,372	164,572	163,774	168,386	169,271	169,301	0.0%	6.3%
CSWD Seasonal Population [®] TOTAL POPULATION	1,985	3,985	3,985	3,985	3,985	3,985	3,985	3,985	4,462	4,462	4,462	0.0%	10.7%
		163,417	163,930	165,367	165,516	166,357	168,557	167,759	172,848	173,733	173,763	0.0%	6.4%