

SAGE Meeting January 20, 2016 Nancy Carr, CalRecycle



2014 Generator-Based Study for the Commercial Sector

- Take samples of materials at sites where they are generated, such as businesses or institutions
- 16 business groups used, base on Federal NAICS codes
- State agencies can find a business group that approximates their activities/operations
- 50 sites used per group for disposal data, 25 sites per group for diversion data
- Sample and sort materials from disposal, recycling, and organics bins; also quantify "other diversion" that occurs apart from the bins

CalRecycle 2014 Business Groups

Arts, Entertainment & Recreation	Manufacturing - All Other	Services - Management, Admin., Support, Social				
Durable Wholesale & Trucking	Medical/Health	Services - Professional, Technical, Financial				
Education	Public Administration	Services - Repair and Personal				
Hotels/Lodging	Restaurants	Not Elsewhere Classified				
Manufacturing - Electronic Equipment	Retail Trade - Food & Beverage Stores					
Manufacturing - Food; & Nondurable Wholesale	Retail Trade - All Other					

Public Administration Business Group -data might not reflect individual state facilities

- Includes all levels of government–local, state, federal
- Includes all government functions
- Sampling group included transportation dept., corporation yards, city halls, environmental services, social services, fire dept., water and sewer, law enforcement, probation, CHP, animal shelter, air traffic, US Forestry, etc.
- Data represents overall average of a wide range of government facilities – useful for general statewide planning
- Very low per-employee generation compared to most other groups – could underestimate amounts generated for individual sites

NAICS Codes Included in CalRecycle Business Groups Excerpt from Table 80, p. 155 of final report

			_			
Group	Included		I			
Number	NAICS Codes	Industry				
12		Retail Trade - All Other	4			
12	441	Motor Vehicle & Parts Dealers	┨			
	442	Furniture & Home Furnishings	ı			
	443	Electronics & Appliance Stores				
	446	Health & Personal Care Stores				
	447	Gasoline Stations				
	448	Clothing & Clothing Accessories				
	451	Sporting Goods, Hobby, Books, Music				
	452	General Merchandise Stores				
	453	Miscellaneous Store Retailers				
	454	Nonstore Retailers				
	454	Services - Management, Administrative,	Н			
13		Support, & Social	П			
	425	Electronic Markets, Agents, Brokers	П			
	551	Management of Companies & Enterprises	П			
	561	Administrative & Support Services				
	624	Social Assistance	П			
	813	Religious, Civic, Professional & Similar	П			
14		Services - Professional, Technical, & Financial	П			
	515	Broadcasting, except Internet	П			
	517	Telecommunications	П			
	518	Data Processing, Hosting & Related	П			
	519	Other Information Services	П			
	521	Monetary Authorities - Central Bank	П			
	522	Credit Intermediation & Related				
	523	Financial Investment & Related				
	524	Insurance Carriers & Related Activity				
	525	Funds, Trusts, Other Financial Vehicles	IJ			
	531	Real Estate				
	532	Rental & Leasing Services				
	533	Lessors of Nonfinancial Intangible Assets				
	541	Professional & Technical Services				

NAICS Code Search

NAICS Search:

Enter keyword or 2-6 digit code 624 2012 NAICS Search

Enter keyword or 2-6 digit code

2007 NAICS Search

Enter keyword or 2-6 digit code

2002 NAICS Search

Downloads/Reference Files/Tools

- 2012 NAICS
- 2007 NAICS
- 2002 NAICS
- 1997 NAICS
- Concordances
- NAICS Update Process Fact Sheet [PDF, 37KB]

Contact Us

Email Us: naics@census.qov



2012 NAICS Definition

T = Canadian, Mexican, and United States industries are comparable.

Search results for: 624 Number of records found: 22

624 Social Assistance^T

6241 Individual and Family Services^T

62411 Child and Youth Services^T

624110 Child and Youth Services

62412 Services for the Elderly and Persons with Disabilities^T

624120 Services for the Elderly and Persons with Disabilities

62419 Other Individual and Family Services^T

624190 Other Individual and Family Services

6242 Community Food and Housing, and Emergency and Other Relief Services^T

62421 Community Food Services^T

624210 Community Food Services

62422 Community Housing Services^T

624221 Temporary Shelters

624229 Other Community Housing Services

62423 Emergency and Other Relief Services^T

624230 Emergency and Other Relief Services

6243 Vocational Rehabilitation Services^T

62431 Vocational Rehabilitation Services^T

624310 Vocational Rehabilitation Services

6244 Child Day Care Services^T

62441 Child Day Care Services^T

624410 Child Day Care Services

Additional NAICS Information

- Webpage at
 - http://www.census.gov/eos/www/naics/index.html
- Can look up individual codes for definition, examples

NAICS Search: Enter keyword or 2-6 digit code 2012 NAICS Search Enter keyword or 2-6 digit code 2007 NAICS Search Enter keyword or 2-6 digit code 2002 NAICS Search

2012 NAICS Definition

T = Canadian, Mexican, and United States industries are comparable.

624410 Child Day Care Services

This industry comprises establishments primarily engaged in providing day care of infants or children. These establishments generally care for preschool children, but may care for older children when they are not in school and may also offer prekindergarten educational programs.

Illustrative Examples:

Child day care babysitting services Nursery schools Child or infant day care centers Preschool centers

Table 66. Composition Summary: Services - Professional, Technical, & Financial

	Die	nosed	Curbala	e Beryole	Curbald	e Ornapios	Other Diversion		Total Generation		
Material	Disposed Est. % Est. Tons		Curbside Recycle Est. % Est. Tons		Curbside Organics Est. % Est. Tons		Est. % Est. Tons		Est %	Est. Tons	
Paper	29.1%	1,162,870	86.1%	588,519	0.7%	1,301	40.9%	37,407	38.2%	1,790,097	
Uncosted Corrugated Cardboard Paper Bacs	4.1% 0.5%	181,828 18,127	51.0%	348,608	0.0%	57 30	17.7%	16,167	10.7%	21,370	
Newscaper	2.5%	98,110	3.2%	22,138	0.1%	107	0.4%	382	2.4%	120,735	
White Ledger Paper	2.1%	82,352	7.9%	54,347	0.0%	42	4.4%	3,983	2.8%	140,724	
Other Office Paper	2.4%	95,689	3.7%	25,540	0.2%	413	8.0%	7,353	2.6%	128,974	
Magazines and Catalogs Phone Books and Directories	1.0%	37,985 1,100	4.9%	33,581	0.0%	0	0.7%	625	1.5%	72,191	
Other Miscellaneous Paper - Compostable	0.6%	23,243	4.0%	27,383	0.4%	635	0.0%	0	1.0%	51,262	
Other Miscellaneous Paper - Composiziole Other Miscellaneous Paper - Other	3.0%	121,279	10.2%	69,785	0.0%	11	9.6%	8,734	4.0%	199,810	
Remainder/Composite Paper - Compostable	9.9%	395,521	0.2%	1,289	0.0%	6	0.0%	0	8.0%	396,796	
Remainder/Composite Paper - Other	3.2%	127,658	0.4%	2,747	0.0%	0	0.1%	72	2.6%	130,478	
Glass	1.4%	55,539	3.5%	23,814	0.0%	32	1.1%	1,022	1.6%	80,408	
Clear Glass Bottles and Containers Green Glass Bottles and Containers	0.5%	20,340 17,581	2.5%	16,890	0.0%	32	0.4%	403 238	0.8%	37,885 21,052	
Brown Glass Bottles and Containers	0.1%	3,228	0.5%	3,691	0.0%	0	0.4%	373	0.1%	7,293	
Other Glass Colored Bottles and Containers	0.0%	203	0.0%	0	0.0%	Ö	0.0%	0	0.0%	203	
Flat Class	0.0%	943	0.0%	0	0.0%	0	0.0%	0	0.0%	943	
Remainder/Composite Glass	0.3%	13,244	0.0%	0	0.0%	0	0.0%	7	0.3%	13,251	
Metal	4.1%	162,103	0.7%	4,587	0.0%	23	28.0%	25,586	3.9%	192,279	
Tin/Steel Cans Major Appliances	0.2%	8,843	0.2%	1,061	0.0%	0	0.0%	18	0.2%	9,922	
Major Appliances Used Oil Filters	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	
Other Ferrous	1.2%	48,400	0.1%	785	0.0%	0	20.0%	18,258	1.3%	65,423	
Aluminum Cens	0.1%	3,860	0.3%	1,911	0.0%	23	0.5%	459	0.1%	6,253	
Other Non-Ferrous	0.9%	37,317	0.1%	511	0.0%	0	1.8%	1,657	0.8%	39,485	
Remainder/Composite Metal	1.8%	65,683	0.0%	320	0.0%	0	5.7%	5,193	1.4%	71,198	
Electronics Brown Goods	2.0%	78,459 23,189	0.1%	379	0.0%	13	1.4%	1,245	1.6%	80,097 23,189	
Computer-related Electronics	0.0%	23,109	0.0%	254	0.0%	0	1.3%	1,199	0.0%	1,453	
Other Small Consumer Electronics	0.0%	60	0.0%	125	0.0%	13	0.0%	1,199	0.0%	204	
Video Display Devices	1.4%	55,210	0.0%	0	0.0%	0	0.0%	40	1.1%	55,250	
Plastic	13.2%	528,834	8.0%	54,425	0.2%	397	1.8%	1,649	11.8%	585,305	
PETE Plastic Containers	0.4%	14,738	1.0%	6,783	0.1%	147	1.3%	1,225	0.5%	22,890	
HDPE Plastic Containers Miscellaneous Plastic Containers	0.4%	15,241 8.521	0.3% 2.7%	2,043 18,616	0.0%	2 84	0.5%	412	0.4%	17,898 27,232	
Miscellaneous Plastic Containers Plastic Trash Begs	1.9%	75.623	0.1%	10,010	0.0%	50	0.0%	11	1.5%	78,313	
Plastic Grocery and Other Merchandise Bags	0.2%	7,788	0.0%	313	0.0%	0	0.0%	ő	0.2%	8,102	
Non-Bag Commercial and Industrial Packaging Film	0.8%	33,130	1.6%	10,680	0.0%	0	0.0%	0	0.9%	43,809	
Film Products	0.0%	0	0.0%	150	0.0%	0	0.0%	0	0.0%	151	
Other Film - Other	2.2%	88,837	0.2%	1,358	0.0%	54	0.0%	0	1.8%	88,249	
Durable Plastic Items - #2 and #5 Bulky Rigids Durable Plastic Items - Other	1.1%	15,730 45,243	0.0%	149 110	0.0%	0 57	0.0%	0	0.3%	15,879 45,410	
Remainder/Composite Plastic	5.7%	225,985	2.0%	13,584	0.0%	2	0.0%	ő	4.8%	239,572	
Other Organic	23.1%	922,506	0.1%	996	99.0%	173,063	8.2%	7,527	22.3%	1,104,092	
Food	8.3%	330,452	0.1%	483	0.1%	203	5.1%	4,874	6.8%	335,811	
Leaves and Grass	3.4%	138,387	0.0%	0	98.8%	172,743	3.1%	2,853	6.3%	311,983	
Prunings and Trimmings	3.2%	127,780	0.0%	0	0.0%	0	0.0%	0	2.6%	127,780	
Branches and Stumps Manures	0.2%	9,688	0.0%	0	0.0%	0	0.0%	0	0.2%	9,686	
Textiles	2.1%	84,487	0.0%	514	0.0%	117	0.0%	0	1.7%	85,118	
Cerpet	0.8%	23,797	0.0%	0	0.0%	0	0.0%	ő	0.5%	23,797	
Remainder/Composite Organic	5.2%	208,438	0.0%	0	0.0%	0	0.0%	0	4.2%	208,438	
Inerts and Other	25.1%	1,000,711	1.6%	10,908	0.0%	0	16.4%	14,990	20.8%	1,026,609	
Concrete	2.0%	79,783	0.0%	0	0.0%	0	0.0%	0	1.6%	79,783	
Asphalt Paving	1.0%	40,743	0.0%	0	0.0%	0	0.0%	0	0.8%	40,743	
Asphalt Roofing Clean Dimensional Lumber	1.1%	43,328	0.0%	0	0.0%	0	0.0%	0 329	0.9%	43,328	
Clean Engineered Wood	1.9%	74,531	0.0%	ő	0.0%	0	0.0%	0	1.5%	74,531	
Clean Pallets & Crates	8.3%	332,687	1.6%	10,908	0.0%	o o	14.3%	13,110	7.2%	358,708	
Other Wood Waste	3.1%	124,307	0.0%	0	0.0%	0	0.0%	0	2.5%	124,307	
Gypsum Board	0.6%	25,730	0.0%	0	0.0%	0	0.7%	642	0.5%	26,372	
Rock, Soil and Fines	2.2%	89,852	0.0%	0	0.0%	0	1.0%	908	1.8%	90,580	
Remainder/Composite Inerts and Other Household Hazardous Waste	3.8%	149,929 7,437	0.0%	16	0.0%	14	1.8%	1,605	3.0%	149,929	
Paint	0.0%	7,437	0.0%	0	0.0%	10	0.0%	1,005	0.0%	9,071	
Vehicle and Equipment Fluids	0.0%	174	0.0%	0	0.0%	0	0.0%	o	0.0%	174	
Used Oil	0.0%	0	0.0%	ō	0.0%	0	0.0%	ō	0.0%	0	
Batteries	0.0%	888	0.0%	0	0.0%	14	1.7%	1,570	0.0%	2,450	
Remainder/Composite Household Hazardous	0.2%	6,397	0.0%	16	0.0%	0	0.0%	35	0.1%	6,447	
Special Waste	1.8%	71,288	0.0%	0	0.0%	0	0.4%	371	1.4%	71,656	
Ash Treated Medical Waste	0.0%	174	0.0%	0	0.0%	0	0.0%	0	0.0%	174	
Treated Medical Waste Bulky Items	1.8%	70,937	0.0%	0	0.0%	0	0.0%	371	1.4%	71,308	
Tires	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0 0	
Remainder/Composite Special Waste	0.0%	174	0.0%	o	0.0%	0	0.0%	ő	0.0%	174	
Mixed Residue	0.1%	4,898	0.0%	ō	0.0%	0	0.0%	ō	0.1%	4,898	
Vedele			100.00	445.000		494.040	100.00	80.100			
Totals	100.0%	3,994,643	100.0%	683,626 38	100.0%	174,842	100.0%	91,402	100.0%	4,944,512	
Streams Sampled TPEPY		53 1.88		38		3		104	155		
Several and the makeful times may not total 100% due to more fine			,		,		,			2.31	

Percentages for material types may not total 100% due to rounding.

Tables detailing the composition for all 60 materials can be found in Appendix E: Detailed Composition Tables



Group Composition Data by Stream

Table 66. Composition Summary: Services – Professional, Technical, & Financial

	Disposed		Curbside Recycle		Curbside Organics		Other Diversion		Total Generation	
Material	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	29.1%	1,162,870	86.1%	588,519	0.7%	1,301	40.9%	37,407	36.2%	1,790,097
Uncoated Corrugated Cardboard	4.1%	161,826	51.0%	348,608	0.0%	57	17.7%	16,167	10.7%	526,659
Paper Bags	0.5%	18,127	0.5%	3,124	0.0%	30	0.1%	90	0.4%	21,370
Newspaper	2.5%	98,110	3.2%	22,136	0.1%	107	0.4%	382	2.4%	120,735
White Ledger Paper	2.1%	82,352	7.9%	54,347	0.0%	42	4.4%	3,983	2.8%	140,724
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Magazines and Catalogs	1.0%	37,985	4.9%	33,581	0.0%	0	0.7%	625	1.5%	72,191
Phone Books and Directories	0.0%	1,100	0.0%	0	0.0%	0	0.0%	0	0.0%	1,100
Other Miscellaneous Paper - Compostable	0.6%	23,243	4.0%	27,383	0.4%	635	0.0%	1	1.0%	51,262
Other Miscellaneous Paper - Other	3.0%	121,279	10.2%	69,785	0.0%	11	9.6%	8,734	4.0%	199,810
Remainder/Composite Paper - Compostable	9.9%	395,521	0.2%	1,269	0.0%	6	0.0%	0	8.0%	396,796
Remainder/Composite Paper - Other	3.2%	127,658	0.4%	2,747	0.0%	0	0.1%	72	2.6%	130,478
Glass	1.4%	55,539	3.5%	23,814	0.0%	32	1.1%	1,022	1.6%	80,408
Clear Glass Bottles and Containers	0.5%	20,340	2.5%	16,890	0.0%	32	0.4%	403	0.8%	37,665
Green Glass Bottles and Containers	0.4%	17,581	0.5%	3,233	0.0%	0	0.3%	238	0.4%	21,052
Brown Glass Bottles and Containers	0.1%	3,228	0.5%	3,691	0.0%	0	0.4%	373	0.1%	7,293
Other Glass Colored Bottles and Containers	0.0%	203	0.0%	0	0.0%	0	0.0%	0	0.0%	203
Flat Glass	0.0%	943	0.0%	0	0.0%	0	0.0%	0	0.0%	943
Remainder/Composite Glass	0.3%	13,244	0.0%	0	0.0%	0	0.0%	7	0.3%	13,251
Metal	4.1%	162,103	0.7%	4,567	0.0%	23	28.0%	25,586	3.9%	192,279
Tin/Steel Cans	0.2%	8,843	0.2%	1,061	0.0%	0	0.0%	18	0.2%	9,922
Major Appliances	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0

- Percent and statewide tons for each material type in each stream, for each business group
- 82 detailed materials
- Also amounts generated in each stream, on a per-employee basis
- Both composition percentages and amounts are important

Overview of Each Stream

- Top chart 81% of everything generated ends up in the disposal bin
- Diversion rate for this group is 19%
- "Other Diversion" includes materials diverted outside of bins picked up by a hauler— such as selling cardboard or scrap metal directly to a recycler
- Colors indicate recoverable materials in each bin
- Much of what's disposed could be recovered, especially organics (food, pallets, and compostable paper)

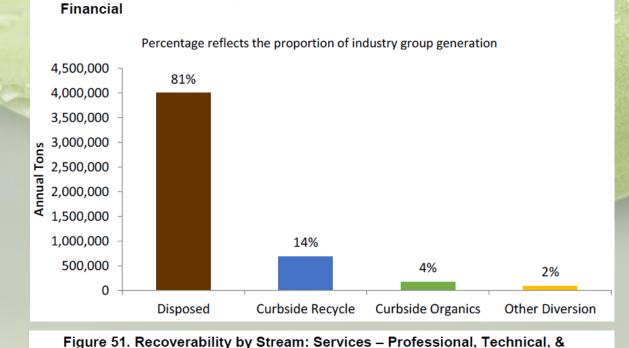
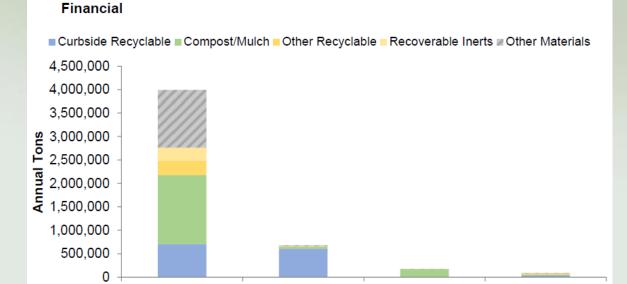


Figure 50. Annual Tons by Waste Stream: Services - Professional, Technical, &



Disposed

Curbside Recycle Curbside Organics

Other Diversion

Skip to: Content | Footer | Accessibility

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California

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DIRECTOR **Scott Smithline**



Information

- Public Meetings
- Meeting Webcasts
- Public Notices
- Decisions & Public Participation
- ->> Videos
- Laws & Regulations
- Data Central
- ->> Facility Information Toolbox (FacIT)

Where Do I Recycle...



Beverage Containers



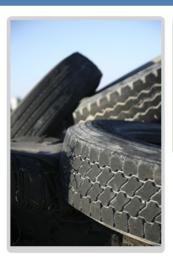
Electronic Waste



Motor Oil



More recycling info | Public



In the News

It's all fun and games until the batteries go dead--CalRecycle offers tips on safe disposal, reusable alternatives

CalRecycle News Releases

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A-Z Index













In Focus

Resources

- ->> Grant, Payment, & Loan Programs
- Forms
- Publications
- Listservs
- Employment Contracts



Waste Characterization Reports

CalRecycle has recently completed two major waste characterization studies: a Disposal-Facility-Based Study, which analyzes the material disposed in the state's waste stream; and a Commercial Generator Study, which includes data on materials disposed and recycled from the state's commercial sector. This information is critical for waste management planning--and for reaching our recycling and greenhouse gas reduction goals.



What are you recycling? Find a recycling location fast!

Whether you've got beverage containers to return for cash, old paint taking up space in the garage, used oil from that last oil change, or another recyclable material, our new interactive mapping tool will help you find nearby recycling options that accept material from the public.



Mandatory Commercial Organics Recycling

California businesses are required to start recycling their organic waste by April 1, 2016, depending on the amount of waste they generate each week. By 2016, local jurisdictions must have an organic waste recycling program in place for those businesses. See our Mandatory Commercial Organics Recycling page and our Organics Materials Management page for more information



2015 Wildfire Cleanups

CalRecycle crews are currently helping to



State of Recycling in California

As California nursues its statewide goal of 75



California's 75 Percent Initiative

California's goal to recycle 75 percent of its solid



916-341-6216