

**MAG RESIDENTIAL AND COMMERCIAL BREAKDOWN OF SOLID WASTE GENERATION SUMMARY
(Number of Tons, 2012)**

JURISDICTION	RESIDENTIAL	MULTI-FAMILY	TOTAL RESIDENTIAL	RESIDENTIAL ASSUMPTIONS	COMMERCIAL/ INDUSTRIAL	COMMERCIAL/INDUSTRIAL ASSUMPTIONS
APACHE JUNCTION†	13,989		13,989	Based on 2.07 pounds/capita/day and population of 36,928.	1,962	Based on 2.48 pounds/employee/day and employment of 4,323.
AVONDALE†	24,089		24,089	Based on actual landfill tipping fee reports received monthly. All solid waste is delivered to the same landfill, which provides the City with a monthly report of tonnages and fees, by vehicle. All multi-family collected by private sector and no data is available.	5,128	Based on 2.48 pounds/employee/day and employment of 11,299.
BUCKEYE†	15,039		15,039	Residential tonnage is reported monthly by contractor and is inclusive of single family residences and grandfathered small multi-family complexes.	2,985	Based on 2.48 pounds/employee/day and employment of 6,577.
CAREFREE†	1,283		1,283	Based on 2.07 pounds/capita/day and population of 3,388.	566	Based on 2.48 pounds/employee/day and employment of 1,247.
CAVE CREEK†	1,936		1,936	Based on 2.07 pounds/capita/day and population of 5,110.	760	Based on 2.48 pounds/employee/day and employment of 1,674.
CHANDLER	84,112 FY 2011-12 (July 1, 2011- June 30, 2012)		84,112 FY 2011-12 (July 1, 2011- June 30, 2012)	All multi-family collected by private sector and not recorded by City.	373 FY 2011-12 (July 1, 2011- June 30, 2012)	Chandler Landfill closed in 2005. The City no longer accepts commercial waste for disposal. Multi-family waste stream is defined commercial and is collected by haulers in the private sector. Waste generated by City facilities is the exception. Some of this waste stream is disposed at the City's Recycling-Solid Waste Collection Center (transfer facility). Per code, City provides waste collection for residential (single family up to tri-plex units).
EL MIRAGE†	12,147		12,147	Based on 2.07 pounds/capita/day and population of 32,067.	1,224	Based on 2.48 pounds/employee/day and employment of 2,697.

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FLORENCE†	10,142		10,142	Based on 2.07 pounds/capita/day and population of 26,773.	2,232	Based on 2.48 pounds/employee/day and employment of 4,917.
FORT MCDOWELL YAVAPAI NATION†	370		370	Based on 2.07 pounds/capita/day and population of 976.	684	Based on 2.48 pounds/employee/day and employment of 1,508.
FOUNTAIN HILLS†	8,597		8,597	Based on 2.07 pounds/capita/day and population of 22,695.	2,321	Based on 2.48 pounds/employee/day and employment of 5,115.
GILA BEND†	732		732	Based on 2.07 pounds/capita/day and population of 1,932.	297	Based on 2.48 pounds/employee/day and employment of 655.
GILA RIVER INDIAN COMMUNITY†	4,471		4,471	Based on 2.07 pounds/capita/day and population of 11,803.	3,682	Based on 2.48 pounds/employee/day and employment of 8,112.
GILBERT	FY 2012 Resid. 66,380 Bulk tsh 12,767 Recycle 19,760		FY 2012 Total 98,907	Amount from multi-family not tracked separately.	FY 2012 Commer. 21,160 Roll-off 8,430 Recycle 1,518 Total 31,108	Amounts shown reflect tonnages collected and disposed of by the Town of Gilbert, but not by private solid waste haulers. Roll-off service (20-and 40-cubic yard containers).
GLENDALE	85,340	24,178	109,518	Source of 2012 (calendar year) information from landfill tonnage data and reports. Residential category includes single-family homes collected by City of Glendale and residents disposing at the landfill; total residential tonnage includes 11,378 tons from loose/bulk trash collection and 9,497 tons delivered to landfill by Glendale residents. Multi-family category is part of Glendale Commercial Container Service and is estimated to be 60 percent of total tonnage received from collection vehicles.	74,009	Source of 2012 (calendar year) information for commercial/industrial from landfill tonnage data and reports.
GOODYEAR†	FY 2011-2012 22,333		FY 2011-2012 22,333	Residential includes 3,021 tons uncontained. Private hauler-Waste Management collects the contained refuse and City forces collect the uncontained refuse.	8,431	Based on 2.48 pounds/employee/day and employment of 18,577.

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GUADALUPE†	2,251		2,251	Based on 2.07 pounds/capita/day and population of 5,943.	405	Based on 2.48 pounds/employee/day and employment of 892.
LITCHFIELD PARK	384		384	All multi-family collected by private sector and not recorded by City. Private hauler-Waste Management. Contract with Waste Mangement began 8/6/2008.	442	Amounts shown reflect tonnages collected and disposed of by the private waste haulers.
MARICOPA†	17,026		17,026	Based on 2.07 pounds/capita/day and population of 44,946.	1,398	Based on 2.48 pounds/employee/day and employment of 3,081.
MESA	131,172	39,102	170,274	1) Residential tons include 113,593 tons of residential trash and 17,575 tons of green waste (yard waste) which is collected in containers separately from trash. 2) Front-load trucks serve a mixture of residential multi-family customers and commercial customers. Based on revenues received, it is estimated that residential multi-family customers contribute 47.7 percent of front-load trash.	61,633	Includes the estimate of 52.3 percent of front-load trash, as well as roll-off trash.
PARADISE VALLEY†	4,965		4,965	Based on 2.07 pounds/capita/day and population of 13,106.	1,868	Based on 2.48 pounds/employee/day and employment of 4,115.
PEORIA	62,014		62,014	Based on landfill reports. Population of 157,653 in 2012.	19,700	Based on landfill reports (includes multi-family and approximately 20 percent of Peoria businesses that have service with the City).
PHOENIX	450,290	96,178	546,468	Breakdown of multi-family tonnage based on percent of dwelling units that have City service and that are du-plex, tri-plex, and apartments.	302,666	Does not include non-profits.
QUEEN CREEK†	8,488		8,488	Based on contractor reporting and population of 27,708.	2,137	Based on 2.48 pounds/employee/day and employment of 4,708

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SALT RIVER PIMA MARICOPA INDIAN COMMUNITY	2,012		2,012	Actual tonnage for 2012.	9,416	Actual tonnage for 2012.
SCOTTSDALE	102,007	17,767	119,774	Includes multi-family residential and uncontained waste. Estimated to be 50 percent of commercial tonnage.	29,593	Data from City of Scottsdale. Includes roll-off and 50 percent of commercial tonnage. Does not include waste material collected by private solid waste haulers.
SURPRISE	29,236		29,236	Multi-family customers are not serviced by the City of Surprise. Assume residential is 85 percent of total waste.	5,159	Collected by Waste Management and Parks & Sons. Assume 15 percent of total waste is commercial.
TEMPE	33,408		33,408	Based on actual tonnage collected and taken to transfer station. Multifamily is included in commercial tonnage.	69,768	Based on actual commercial and roll-off tonnage collected and taken to transfer station. Multifamily is included in commercial tonnage.
TOLLESON [†]	2,670		2,670	Based on reports of actual tonnage.	4,870	Based on 2.48 pounds/employee/day and employment of 10,730.
WICKENBURG	2,601		2,601	Based on actual tracking numbers.	1,508	Based on actual tracking numbers.
YOUNGTOWN [†]	2,344		2,344	Based on 2.07 pounds/capita/day and population of 6,188.	525	Based on 2.48 pounds/employee/day and employment of 1,157.
UNINCORPORATED MARICOPA COUNTY [†]	104,792		104,792	Based on 2.07 pounds/capita/day and population of 276,634.	11,028	Based on 2.48 pounds/employee/day and employment of 24,300.
UNINCORPORATED PINAL COUNTY [†]	70,298		70,298	Based on 2.07 pounds/capita/day and population of 185,575.	6,379	Based on 2.48 pounds/employee/day and employment of 14,056.
TOTALS	1,409,445	177,225	1,586,670		664,257	

Sources: MAG Solid Waste Information Collection Efforts: 1998, 2001, 2003, and 2013; MAG Member Agency Interviews; U.S. Census Bureau; Arizona State Demographer's Office; MAG Population Update, July 1, 2012; MAG 2012 Employer Database (limited to employers with five or more employees); CAAG 2012 Employer Database (limited to employers with five or more employees).

[†] Where data was not readily available, regional average was used.

November 6, 2013