

Occupational Profile: Automotive Service Technicians and Mechanics

GENERAL OCCUPATION DESCRIPTION

Diagnose, adjust, repair, or overhaul automotive vehicles.

Source: O*NET online. <http://online.onetcenter.org>

REQUIRED EDUCATION

As shown in the table to right, 38% of interviewed employers reportedly require a High School diploma or less, while an additional 62% require a two-year degree or the equivalent.

Required Education	
Percent of Employers Requiring HS Diploma or Less	37.98%
Percent of Employers Requiring 2-Year Degree or Equiv	62.03%
Percent of Employers Requiring BS Diploma or More	0%

Source: Bureau of Labor Statistics

WAGES

Automotive Body & Related Repairer is considered a medium-wage occupation, with good possibility for wage advancement with experience. Employers in the State of Arizona generally pay comparably as compared with the overall United States.

Location	Pay Period	2005				
		10%	25%	Median	75%	90%
United States	Hourly	\$8.90	\$11.58	\$15.89	\$20.95	\$26.45
	Yearly	\$18,500	\$24,100	\$33,100	\$43,600	\$55,000
Greater Phoenix	Hourly	\$10.28	\$12.89	\$16.73	\$21.74	\$25.47
	Yearly	\$21,393	\$26,824	\$34,815	\$45,241	\$53,003
Arizona	Hourly	\$9.16	\$13.01	\$17.71	\$22.12	\$27.28
	Yearly	\$19,100	\$27,100	\$36,800	\$46,000	\$56,700

Source: Bureau of Labor Statistics

As shown in the table to right, a national comparison of wages for this occupation reveals Arizona ranks 8th in terms of median wages.

RANK	Location	Median Wage 2005	
		Hourly	Annual
1	Alaska	\$21.51	\$44,700
2	District of Columbia	\$20.24	\$42,100
3	Washington	\$18.58	\$38,600
4	Connecticut	\$18.44	\$38,400
5	Michigan	\$18.20	\$37,900
8	ARIZONA	\$17.71	\$36,800

Source: Bureau of Labor Statistics

The table below provides a comparison of wages by sub-industry for the Greater Phoenix region (2005). As shown, the main employment sector, "Motor Vehicle and Parts Dealers," pays comparably than the other main employment sectors.

Wages by Industry: Greater Phoenix MSA (2005)	Rounded Employment	Mean Wage	10th Percentile Wage	25th Percentile Wage	Median Wage	75th Percentile Wage	90th Percentile Wage
Motor Vehicle and Parts Dealers	4,750	\$19.45	\$10.04	\$13.40	\$18.07	\$23.85	\$29.60
Repair and Maintenance	3,120	\$18.47	\$8.19	\$14.56	\$18.48	\$22.33	\$27.91
Public Administration	320	\$18.64	\$13.54	\$15.57	\$18.05	\$21.38	\$24.96
General Merchandise Stores	300	\$10.02	\$7.39	\$8.35	\$9.57	\$10.70	\$14.45
Rental and Leasing Services	290	\$18.45	\$9.87	\$12.90	\$18.03	\$21.69	\$26.94
Educational Services	50	\$15.03	\$9.85	\$11.47	\$14.94	\$18.79	\$20.74
Support Activities for Transportation	40	\$14.28	\$7.56	\$8.76	\$13.51	\$19.42	\$21.11
Transit and Ground Passenger Transportation	20	\$16.15	\$12.23	\$13.85	\$16.07	\$18.73	\$20.87
Heavy and Civil Engineering Construction	.	\$21.87	\$13.49	\$17.73	\$20.70	\$25.98	\$33.13
Transportation Equipment Manufacturing	.	\$24.23	\$9.94	\$13.23	\$19.83	\$38.20	\$41.91
Truck Transportation	.	\$17.32	\$11.48	\$15.02	\$18.35	\$20.41	\$21.64
Merchant Wholesalers, Durable Goods	.	\$16.30	\$10.86	\$12.11	\$16.28	\$20.27	\$22.40
Administrative and Support Services	.	\$16.41	\$9.19	\$10.61	\$15.61	\$20.87	\$25.51

EMPLOYMENT

As shown in the table below, this occupation has a projected 26% growth rate over 10 years (between 2003 and 2013) for the Greater Phoenix region. There are an average projected 660 job openings each year, comprised of 327 new jobs and 333 positions vacated by individuals leaving the field (due to retirement, death, career changes, or other reasons).

	10-YEAR CHANGE			AVERAGE ANNUAL		
	Employment		Percent Change	Job Openings	Growth	Separations
United States	2004	2014				
Automotive service technicians and mechanics	802,800	928,500	16%	33,930	n/a	n/a
Arizona	Employment		Percent Change	Job Openings	Growth	Separations
	2004	2014				
Automotive service technicians and mechanics	16,570	21,260	28%	910	n/a	n/a
Greater Phoenix	Employment		Percent Change	Job Openings	Growth	Separations
	2003	2013				
Automotive service technicians and mechanics	12,510	15,780	26%	660	327	333

Source: Bureau of Labor Statistics

*Job Openings refers to the average annual job openings due to growth and net replacement.

Source: Bureau of Labor Statistics

**N/A is displayed in cases where data is not available or cannot be published because of federal data privacy standards.

An additional source of information regarding this occupation can be provided by analysis of employer survey data collected for the Maricopa County Community Colleges by the ERISS Corporation in 2004. As shown, the ERISS survey data shows a projected 1-year growth rate of 2%, which is comparable with the average of 2.6% per year reflected by the BLS data above.

Additionally, the ERISS data provides an indicator of yearly turnover for this occupation, which is reported to be moderate at 8%.

ERISS Occupational Survey Data (2004)			
Greater Phoenix	Growth	Turnover	Demand
Automotive Service Technicians & Mechanics	2%	8%	10%

Comparison of employment projections for top five regions for Automotive Body & Related Repairer

As shown in the table to right, a national comparison reveals the State of Arizona ranks 4th in terms of projected 10-year growth for this occupation (28%).

RANK	Location	Employment		Percent
		2004	2014	Change
1	Nevada	5,320	7,770	46%
2	Utah	8,050	11,080	38%
3	Alaska	1,620	2,100	30%
4	ARIZONA	16,570	21,260	28%
5	Wyoming	1,690	2,150	27%

Source: Bureau of Labor Statistics

Employment by Industry

The table below shows the industries that most commonly employ Automotive Body & Related Repairer, and the proportion of employment accounted for at the national level. As shown, "Automobile dealers" are the largest employer for this occupation (28%).

Percent of Employment Nationally by Industry	
Percent	Industry
28.3%	Automobile dealers
25%	Automotive mechanical and electrical repair and maintenance
15.3%	Self-employed workers, primary job
7.1%	Automotive parts, accessories, and tire stores
2.8%	Gasoline Stations
2.7%	Local government, excluding education and hospitals

Source: Bureau of Labor Statistics

Geo-Location Overlay of Employers with 25 or More Employees that Potentially Employ Occupation (n = 204)

