

ASE Compensation Survey



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MISSION STATEMENT

ASE's mission is to support employers by providing a broad range of information, services, and training that enables them to successfully manage their most important asset: *their people*.

AVAILABLE SURVEYS

COMPENSATION

ASE Compensation Survey National Executive Compensation Survey National Sales Compensation Survey Nonprofit Compensation Survey Salaries for Co-op Students & Recent College Graduates Survey Salary Budget Survey

POLICY AND PRACTICES

Holiday Schedule & Practices Survey Michigan Policies & Practices Survey National Policies & Practices Survey Pay Administration Survey

WELFARE BENEFITS

Health, Welfare, & Retirement Survey

WORKFORCE PLANNING

Employee Turnover Survey McLean HR Trends Survey National Business Trends Survey



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Introduction

ASE invites both member and non-member organizations to participate in its benchmarking surveys. Every effort is made to promote the survey to all business sectors and employer types. Invitations to participate in this survey were distributed to organizations during the last week in January. Participants were instructed to report pay rates **in effect on or near February 1, 2024.**

ASE's staff carefully reviews each data submission before it is included in the survey report. ASE uses a variety of techniques and systems to ensure the accuracy of the data, including contacting participants to clarify and/or correct any data points that may appear questionable. The data presented in this report are provided without warranty of any kind for accuracy, omission, completion, or timeliness.

Proper Use of This Report

Benchmark surveys produced by ASE are most effective when used as a guide for management, in combination with other data, to determine the company's position and its options. Survey users should not attempt to use these survey results and/or summaries as absolute standards. ASE recommends the use of multiple survey sources when pricing a job. Any survey data should be used in advance of any readjustments of rates, schedules, or policies. In cases of collective bargaining, any references to survey data should be removed from the bargaining sessions.

The information contained in ASE's surveys is confidential, and all survey users are requested to maintain this confidence by **restricting the use of surveys to authorized personnel only**. ASE guarantees that it will hold all data it receives for all its surveys in strict confidence.

Inclusion of a job in this survey, or others, should <u>not</u> be used as a basis for determining if a job is exempt from the overtime provisions of the Fair Labor Standards Act (FLSA). A thorough analysis of the job duties and payment practice of an incumbent(s) should be conducted to ensure proper classification. For assistance with employee classifications, contact ASE's Surveys Services department.

How to Use the Survey

Survey Demographic Categories

Data for this report has been broken out according to a variety of variables and statistics. These variables are defined on the following pages. Organization size, geographic location, and industry type offer a more detailed perspective on the compensation landscape for specific job positions.

Confidentiality

To ensure the confidentiality of all survey respondents and the usefulness of the survey, data for some categories and statistics will not be reported. Demographic categories that have fewer than five organizations reporting will be suppressed (i.e., not reported as individual categories). Additional data (i.e., the 10th and 90th percentiles) is suppressed when fewer than ten organizations are represented in the sample for a given line of data. In such cases, a "-" will be placed where statistical data would normally appear.

Dominance diffusion has been used to adjust the statistic in any instance where a single company constitutes 25% or more of the employee sample on a weighted basis for a given job and/or demographic category. This diffusion algorithm reduces the influence of the dominating organization's data below the dominance threshold. The adjusted data is shown in italics.

Aging Survey Data

The pay period covered by the survey data began **on or near February 1, 2024**. Therefore, when using this survey, it may be necessary to age the data to bring the survey results to the current date. This is achieved by using trend information to help determine how fast the job market has moved since the date the survey data was gathered. For more information on aging survey data, please contact ASE's Survey Services department.

Definition of Terms

Job Number/Title

For each job number and title, a job description has been provided.

Total Responses

Consolidated survey data is presented. This data relates to all survey respondents. Organizations are counted once in instances where they report data in more than one geographic area for a given job title.

Geographic Area

Survey data has been broken out according to the geographic locations of respondents. These areas are reflective, although not all inclusive, of the ASE membership area. Regions are based on groupings of counties with similar boundaries that will contain a sufficient number of responses so as to provide beneficial information.

Ann Arbor Washtenaw county

Detroit Metro Livingston, Macomb, Oakland, St. Clair or Wayne county

Flint Genesee, Lapeer or Shiawassee county

Grand Rapids/Muskegon/Holland Allegan, Barry, Kent, Montcalm, Muskegon or Ottawa county

Grand Traverse Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska or Leelanau county

Jackson Hillsdale, Jackson or Lenawee county

Kalamazoo/Battle Creek

Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph or Van Buren county

Lansing Clinton, Eaton, Ingham or Ionia county

Monroe/Toledo Lucas or Monroe county

Northeast Michigan

Alcona, Alpena, Cheboygan, Crawford, Iosco, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, or Roscommon county

Saginaw/Bay/Midland

Arenac, Bay, Clare, Gladwin, Gratiot, Huron, Isabella, Midland, Montcalm, Saginaw, Sanilac or Tuscola county

Upper Peninsula

Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, or Schoolcraft county

Wexford/Missaukee

Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana, Osceola or Wexford county

Company Size

Survey data has been broken out according to five distinct organizational sizes (i.e., employee populations). It is important to note that in many cases, the size of an organization does not necessarily correlate exactly to the number of employees for which that organization has provided information. In many instances, organizations may have employees who are not represented in this survey. However, the compensation strategy of such an organization is nonetheless reflective of its actual company size.

Industry Type

Survey participants were instructed to provide their industry classifications. These have been rolled into several generic industry groups. For each job title, only those industries with a significant number of responses are listed. In other words, for industries which may not use a particular job position, or where there were not enough responses for that position to guarantee confidentiality, those industries will not be listed.

Goods Producing, Non-Manufacturing	Trade & Services	Go
Natural Resources / Mining	Retail Trade	F
Utilities	Wholesale Trade	F
Construction	Transportation / Warehousing	
	Information	Ed
Non-Durable Goods Manufacturing	(Communication/Broadcasting)	E
_	Professional / Business Services	F
Durable Goods Manufacturing	Leisure / Hospitality Services	S
-	Services, not elsewhere classified	

Government & Financial Services Financial Activities Public Administration

Educational & Health Services Education Services Health Services Social Service

Company Revenue (Available in the online portal only)

Survey participants were instructed to report their approximate annual revenue based on their last fiscal/calendar year. Non-profit organizations were instructed to report the organization's operating budget.

Supplier Status (Available in the online portal only)

Survey data has been broken out according to the automotive supplier status of respondents. For the purposes of this survey an automotive supplier is a company that supplies components, or services directly to the Original Equipment Manufacturers (OEMs).

Profit Status (Available in the online portal only)

Survey participants were asked to provide their profit status classification. For the purposes of this survey a non-profit organization is an organization that qualifies for tax exemption under section 501 of the Internal Revenue Service Code.

Unionization (Available in the online portal only)

Survey participants were instructed to report if a labor union represents any segment of their workforce. Survey data has been broken out according to the unionization status of respondents.

Definition of Statistics

Participation Data

Number of Organizations (No. of Orgs) The total number of organizations that provided data for the individual job position.

Number of Employees (No. of EEs)

The total number of employees that are represented by the above number of organizations for the individual job position. In most cases, this number will be significantly larger than the number of organizations reported in the above statistic. This difference is simply due to organizations employing more than one person in a particular job position.

Base Pay

Organization Average (Org. Avg.)

The average base rate reported by responding organizations for the specific job title. This statistic is based on the organization-reported average, where each organization's data is given equal weight.

Incumbent Average (Inc. Avg.)

This number represents the average base rate paid to an employee in the job classification, rather than what the average organization pays for the classification. This statistic is commonly referred to as the "weighted average," due to the fact that organizations reporting large numbers of employees in a particular job title tend to "weight" the sample.

This survey excludes incumbents whose compensation is exclusively based on commission only.

Interquartile Ranges

25th Percentile (25th)

Twenty-five percent of all pay rates are at or below this statistic, and *seventy-five* percent are above this statistic.

Median

Fifty percent of all pay rates are at or below this statistic, and *fifty* percent are above this statistic. The median is traditionally a better measure of central tendency given that is less affected by extreme values.

75th Percentile (75th)

Seventy-five percent of all pay rates are at or below this statistic, and *twenty-five* percent are above this statistic.

Extremes

10th Percentile (10th)

Ten percent of all pay rates are at or below this statistic, and *ninety* percent are above this statistic.

90th Percentile (90th)

Ninety percent of all pay rates are at or below this statistic, and ten percent are above this statistic.

Note: The interquartile and extreme ranges presented in this report are derived from statistics based on incumbents.

Variable Pay

Number of Organizations (No. of Orgs)

This number represents the total number of organizations that offer any form of variable cash compensation to employees in the job position.

Organization Average (Org. Avg.)

Of the organizations reporting variable cash compensation, this number represents the average *annual* variable rate paid by an organization. Reported is the average amount of performance-based pay, which includes any form of cash incentive, commissions, bonus, profit sharing, or any other similar form of variable cash compensation. This number does not include overtime payments or shift differentials. Averages exclude incumbents paid on a commission-only basis. This data is based on organization-average statistics.

Participant Profile

Companies Participating:

Data Effective



February 1, 2024

Published



June 4, 2024

Participant Profile



4	Geographic Area	

	Count	% of Total
Ann Arbor	21	5.1%
Detroit Metro	221	53.8%
Flint	14	3.4%
Grand Rapids/Muskegon/Holland	71	17.3%
Grand Traverse	4	1.0%
Jackson	6	1.5%
Kalamazoo/Battle Creek	8	1.9%
Lansing	28	6.8%
Monroe/Toledo	1	0.2%
Northeast Michigan Region	0	0.0%
Saginaw/Bay/Midland	32	7.8%
Wexford/Missaukee	2	0.5%
Upper Peninsula	3	0.7%

Company Size

	Count	% of Total
1 to 100 Employees	162	39.4%
101 to 500 Employees	157	38.2%
501 to 1,000 Employees	35	8.5%
1,001 to 5,000 Employees	32	7.8%
Over 5,000 Employees	25	6.1%

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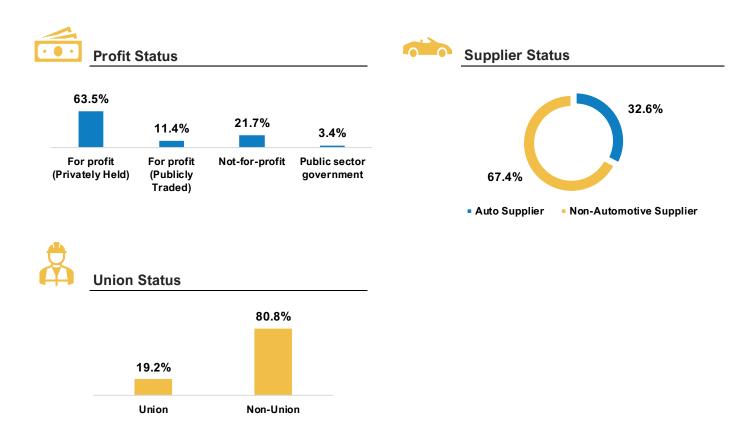
	Count	% of Total
Goods Producing, Non-Mfg.	12	2.9%
Non-Durable Goods Mfg.	44	10.7%
Durable Goods Mfg.	171	41.6%
Trades & Services	98	23.8%
Government & Financial Services	22	5.4%
Education & Health Services	64	15.6%

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	Count	% of Total
\$0 to 2.49MM	27	6.6%
\$2.5 to 9.9MM	60	14.6%
\$10 to 24.9MM	85	20.7%
\$25 to 99.9MM	123	29.9%
\$100 to 499.9MM	62	15.1%
\$500MM+	54	13.1%

Participant Profile



Survey Position Index

Data reported for the following job titles reflect the data for the **State of Michigan**. Demographic detail for the regions included in this edition can be found in the previous pages.

JOB FAMILY	JOB CODE	JOB TITLE	PAGE
Assemblers	10100	Heavy Assembler III (High Complexity)	1
Assemblers	10110	Heavy Assembler II (Moderate Complexity)	2
Assemblers	10120	Heavy Assembler I (Non-Complex)	3
Assemblers	10200	Light Assembler III (High Complexity)	4
Assemblers	10210	Light Assembler II (Moderate Complexity)	5
Assemblers	10220	Light Assembler I (Non-Complex)	6
Assemblers	10310	Machine Builder III (Advanced)	7
Assemblers	10320	Machine Builder II (Experienced)	8
Assemblers	10330	Machine Builder I (Entry)	9
Machine Maintenance	12110	Electronics Mechanic II (Experienced)	10
Machine Maintenance	12210	Machine Maintenance Mechanic III (Advanced)	11
Machine Maintenance	12220	Machine Maintenance Mechanic II (Experienced)	12
Machine Maintenance	12230	Machine Maintenance Mechanic I (Entry)	13
Machine Maintenance	12310	Maintenance Machinist	14
Production Labor	11210	Production Painter II (Experienced)	15
Production Labor	11220	Production Painter I (Entry)	16
Production Labor	13210	Process Technician (Plastics)	17
Production Labor	13220	Injection-Molding Machine Operator II (Set-Up & Operate)	18
Production Labor	13310	Injection-Molding Machines Operator I (Operate Only)	19
Production Labor	14010	CNC Cutter Operator	20
Production Labor	14210	Precision Sheet Metal Worker III (Advanced)	21
Production Labor	14220	Precision Sheet Metal Worker II (Experienced)	22
Production Labor	14230	Precision Sheet Metal Worker I (Entry)	23
Production Labor	14200	Press Operator III (Advanced)	24
Production Labor	14320	Press Operator II (Experienced)	25
Production Labor	14330	Press Operator I (Entry)	26
Production Labor	15010	Process Machine Operator III (High Complexity)	27
Production Labor	15020	Process Machine Operator II (Moderate Complexity)	28
Production Labor	15020	Process Machine Operator I (Non-Complexity)	29
Production Labor	15030	General Heavy Production Labor	30
Production Labor	15120	General Light Production Labor	31
Production Labor	15310	Chemical Equipment Operator	32
Production Labor	15410	CNC Programmer II (Advanced)	33
Production Labor	15420	o (<i>j</i>	33
	15420	CNC Programmer I (Entry)	34
Production Labor		CNC Machining Center Operator III (Advanced)	36
Production Labor Production Labor	15440	CNC Machining Center Operator II (Intermediate)	36
	15450	CNC Machining Center Operator I (Entry)	
Production Labor	15510	CNC Wire EDM Specialist/Programmer	38
Production Labor	15710	Machine Tool Operator III (Advanced)	39
Production Labor	15720	Machine Tool Operator II (Experienced)	40
Production Labor	15730	Machine Tool Operator I (Entry)	41
Production Labor	15820	Machinist II (Experienced)	43
Production Labor	15830	Machinist I (Entry)	44
Production Labor	15950	Lead Person	45
Inspection / Quality	16110	CMM Programmer/Operator	46
Inspection / Quality	16210	Quality Inspector/Auditor III (Advanced)	47
Inspection / Quality	16220	Quality Inspector/Auditor II (Experienced)	48
Inspection / Quality	16230	Quality Inspector/Auditor I (Entry)	49
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JOB FAMILY	JOB CODE	JOB TITLE	PAGE
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Tool Room	17210	Tool & Die Maker III (Advanced)	53
Tool Room	17220	Tool & Die Maker II (Experienced)	54
Tool Room	17230	Tool & Die Maker I (Entry)	55
Tool Room	17310	Tool Crib Attendant	56
Tool Room	17410	Tool Room Machine Operator	57
Tool Room	17510	Die / Mold Setter	58
Welding	18110	Welder II (Experienced)	59
Welding	18120	Welder I (Entry)	60
Material Handling	19050	Forklift Driver (Power)	61
Material Handling	19100	Material Handler and/or Warehouse Laborer	62
Material Handling	19150	Order Filler	63
Material Handling	19200	Packer	64
Material Handling	19250	Shipping and/or Receiving Clerk	65
Vaterial Handling	19300	Stockroom Attendant	66
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Fraffic & Fleet	20110	Driver III (Local)	68
Traffic & Fleet	20120	Driver II (Heavy)	69
Traffic & Fleet	20130	Driver I (Light)	70
Fraffic & Fleet	20140	Driver (Bus / Transit)	70
Traffic & Fleet	20130	Auto Mechanic	72
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Scheduling		Production Planner/Scheduler (Master)	
Scheduling	21110	Production Planner/Scheduler (Experienced)	74
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acilities & Maintenance	22110	Building/Grounds Maintenance Mechanic II (Experienced)	76
acilities & Maintenance	22120	Building/Grounds Maintenance Mechanic I (Entry)	77
Facilities & Maintenance	22210	Electrician III (Master)	78
acilities & Maintenance	22220	Electrician II (Journey)	79
Facilities & Maintenance	22230	Electrician I (Assistant)	80
Facilities & Maintenance	22410	Operating Engineer HVAC	81
Facilities & Maintenance	22510	Plant Janitor/Sanitation	82
Facilities & Maintenance	22610	Experienced Heavy Equipment Operator	83
Facilities & Maintenance	42039	Facilities Director	84
Facilities & Maintenance	42040	Facilities Manager (Multi-Location)	85
Facilities & Maintenance	42041	Facilities Supervisor (Single Location)	86
General Executive	40001	Chief Executive Officer	87
General Executive	40002	Chief Operating Officer	88
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Accounting / Financial	41000	Chief Financial Officer	91
Accounting / Financial	41001	Controller (Corporate)	92
Accounting / Financial	41002	Controller (Plant/Single Location)	93
Accounting / Financial	41004	Finance Director (Not CFO)	94
Accounting / Financial	41005	Financial/Budget Analysis Manager	95
Accounting / Financial	41008	Financial/Budget Analyst III (Advanced)	96
Accounting / Financial	41009	Financial/Budget Analyst II (Experienced)	97
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Accounting / Financial	41026	Cost Accountant II (Experienced)	102
Accounting / Financial	41027	Cost Accountant I (Entry)	103
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Accounting / Financial	41060	Audit Manager	122
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Accounting / Financial	41065	Auditor II (Experienced)	124
Accounting / Financial	41067	Auditor I (Entry)	125
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Accounting / Financial	41072	Billing Supervisor	128
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Accounting / Financial	41080	Credit and/or Collection Manager	131
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Administrative Services	42021	General Clerk II (Experienced)	143
Administrative Services	42022	General Clerk I (Entry)	144
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Administrative Services	42026	Data Entry Operator I (Entry)	146
Administrative Services	42032	Mail Clerk	147
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Administrative Services	42046	Office Services Supervisor	151
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Administrative Services	42060	Meeting & Events Director	153
Administrative Services	42062	Meeting & Events Planner	154
Administrative Services	42063	Meeting & Events Coordinator	155
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Information Systems	44002	IT Director	161
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nformation Systems	44015	Applications Systems & Programming Manager	164			
nformation Systems	44020	Applications Systems Analyst/Programmer IV (Principal)	165			
nformation Systems	44021	Applications Systems Analyst/Programmer III (Senior)	166			
nformation Systems	44022	Applications Systems Analyst/Programmer II (Intermediate)	167			
nformation Systems	44023	Applications Systems Analyst/Programmer I (Entry)	168			
nformation Systems	44030	Business Systems Analyst, Senior	169			
nformation Systems	44031	Business Systems Analyst	170			
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nformation Systems	44046	Systems Programmer	173			
nformation Systems	44050	Systems Analyst, Senior	174			
nformation Systems	44051	Systems Analyst	175			
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nformation Systems	44070	Database Administrator	179			
nformation Systems	44075	Database Analyst/Programmer, Senior	180			
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nformation Systems	44085	Network Manager	188			
nformation Systems	44090	Network Analyst/Engineer, Senior	189			
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nformation Systems	44098	Systems Administrator, Senior	193			
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nformation Systems	44112	Web Content Administrator	200			
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nformation Systems	44139	Help Desk I (Entry)	207			
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nformation Systems	44160	IT Project Manager, Senior	210			
nformation Systems	44161	IT Project Manager	211			
nformation Systems	44170	Manager, IT Quality Assurance	212			
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nformation Systems	44176	IT Quality Assurance Analyst	214			
nformation Systems	44180	Data Scientist	215			
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nformation Systems	44185	Data Architect	210			
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Information Systems	44195	Data Engineer, Senior	218			

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Information Systems	44205	Data Analyst, Senior	220
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Human Resources	45075	Organizational Development Manager	253
Human Resources	45095	Human Resource Business Partner, Senior	254
Human Resources	45096	Human Resource Business Partner	255
Operations / Supply Chain	46001	Operations Manager (Non-Manufacturing)	256
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Operations / Supply Chain	46015	Warehouse Manager	260
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Engineering	62051	Applications Engineer	363
Engineering	62055	Maintenance / Reliability Engineer	364
Engineering	62060	Weld Engineer	365
Engineering	62070	Systems Engineer, Senior (Electro / Mechanical)	366
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Quality Control / Assurance / Safety	66003	Quality Supervisor	391
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Sales / Marketing	71090	Customer Service Director	449
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Medical / Healthcare	82040	Nurse Practitioner	499
Medical / Healthcare	82042	Certified Medical Assistant	500
Medical / Healthcare	82043	Medical Assistant	501
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Medical / Healthcare	82045	Medical Records Clerk	503
Medical / Healthcare	82047	Medical Insurance Biller	504
Medical / Healthcare	82056	Pharmacist	505
Medical / Healthcare	82057	Pharmacy Technician	506
Medical / Healthcare	82065	Physical Therapist	507
Medical / Healthcare	82067	Physical Therapist Assistant	508
Medical / Healthcare	82070	Occupational Therapist	509
Medical / Healthcare	82075	Certified Occupational Therapist Assistant (COTA)	510
Medical / Healthcare	82080	Speech & Language Therapist	511
Medical / Healthcare	82095	Case Manager (RN)	512
Medical / Healthcare	82105	Radiology Technologist	513
Medical / Healthcare	82110	Ultrasound Technologist	514
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Nonprofit - Association Mgmt Education	172010	Education Manager	544
Nonprone / 1000000011 Mgmt. Education	112010		011

COMPENSATION DATA

2024 ASE Compensation Survey

Material Handler and/or Warehouse Laborer - 19100: Material Handling

General warehouse labor job. The job typically requires the ability to read shipping documents, or equivalent. Working under close supervision, incumbents load and unload trucks and move material within the warehouse or production facility. Work includes pulling orders together and assembling them for shipment to customers or distribution centers. Work may include using banding and shrink wrap machines. Work may include gathering or distributing product or materials within the production area. Some packaging may be required. Incumbents will typically use pallet jacks and may occasionally use a riding forklift. Workers may use bar code readers, computer terminals or other electronic devices to track product. Do not report workers with fork truck driving as a primary focus or workers with greater emphasis on shipping and receiving clerical/administrative activities.

					Base Pay					Cash Variable Pay	
					Interquartile Ranges			Extremes			
	No. of Orgs	No. of EEs	Org. Avg.	Inc. Avg.	25th	Median	75th	10th	90th	No. of Orgs	Org. Avg.
Total Responses	136	1761	\$20.42	\$20.06	\$18.04	\$19.60	\$21.50	\$17.00	\$23.50	29	\$2,235
Geographic Area											
Ann Arbor	8	47	\$18.90	\$19.25	\$18.36	\$18.70	\$20.93	-	-	2	-
Detroit Metro	71	862	\$20.59	\$19.86	\$18.17	\$19.28	\$21.06	\$16.81	\$23.50	16	\$2,230
Flint	6	35	\$17.96	\$18.38	\$16.42	\$18.00	\$19.50	-	-	1	-
Grand Rapids/Muskegon/Holland	34	355	\$20.37	\$21.22	\$19.22	\$21.00	\$23.00	\$18.00	\$24.83	7	\$4,035
Grand Traverse	2	13	-	-	-	-	-	-	-	0	-
Jackson	5	63	\$24.13	\$23.44	\$20.04	\$23.65	\$25.62	-	-	1	-
Kalamazoo/Battle Creek	5	68	\$22.25	\$21.95	\$20.21	\$22.36	\$24.03	-	-	0	-
Lansing	11	153	\$20.84	\$20.24	\$18.00	\$20.17	\$21.50	\$17.00	\$23.73	2	-
Monroe/Toledo	6	15	\$21.47	\$22.32	\$19.00	\$22.22	\$25.52	-	-	3	-
Northeast Michigan Region	1	2	-	-	-	-	-	-	-	0	-
Saginaw/Bay/Midland	15	110	\$17.74	\$17.65	\$16.53	\$17.23	\$18.62	\$15.76	\$20.74	3	-
Wexford/Missaukee	4	38	-	-	-	-	-	-	-	2	-
Company Size											
1 to 100 Employees	39	124	\$20.33	\$20.42	\$17.83	\$19.75	\$22.00	\$16.50	\$26.05	10	\$3,259
101 to 500 Employees	53	464	\$20.18	\$20.13	\$18.00	\$19.78	\$21.45	\$17.00	\$24.16	13	\$2,083
501 to 1,000 Employees	20	465	\$21.13	\$19.83	\$18.00	\$19.35	\$21.50	\$16.00	\$23.50	3	-
1,001 to 5,000 Employees	17	574	\$20.41	\$19.75	\$18.50	\$19.08	\$21.21	\$17.00	\$23.50	2	-
Over 5,000 Employees	7	134	\$20.66	\$21.68	\$19.31	\$20.86	\$23.46	-	-	1	-
Industry Type											
Goods Producing, Non-Manufacturing	2	6	-	-	-	-	-	-	-	0	-
Non-Durable Goods Manufacturing	20	124	\$21.51	\$20.54	\$17.76	\$20.17	\$23.05	\$17.00	\$25.52	5	\$1,577
Durable Goods Manufacturing	89	1201	\$20.52	\$20.27	\$18.50	\$20.00	\$21.55	\$17.15	\$23.50	18	\$1,865
Trade & Services	25	430	\$19.25	\$19.38	\$17.24	\$19.00	\$20.86	\$16.00	\$23.50	6	\$3,897
Government & Financial Services	0				·	·	·		·		
Educational & Health Services	0										

Legend:

"_"

Insufficient # of orgs reporting

EEs - Employees

Italics - Dominance diffused

Participant List

The list below represents all firms who participated in the *ASE Compensation Survey*. Firms reporting data for multiple locations may appear more than once.

Ann Arbor

A and D Technology, Inc. Aisin Technical Center of America Amcor Rigid Packaging Head Office Andrews Hooper Pavlik PLC Ann Arbor Area Transportation Authority **Applied Dynamics International** Arbor Research Collaborative for Health **Auria Solutions Butzel Long** Credit Union ONE Cybernet Systems Corp. Datamatics Global Services, Inc. **Destination Ann Arbor** Domino's Pizza LLC DTE Energy Dykema Gossett PLLC Faurecia USA Holdings Inc. Ford Motor Company Gestamp North America **Global Psychological Services** Hatch Stamping Company Hope Clinic **HORIBA** Automotive Hospice of Michigan ITC Holdings Corp. JAC Products, Inc. McNaughton-McKay Electric Company Michigan Municipal League Mitsubishi Motors R and D of America. Inc. **MMI Engineered Solutions** OneMagnify **Oxford Property Management** PCS Company ProVeyance Group (Woodsage) Soave Enterprises LLC Society for College & University Planning Soils & Structures, Inc. Terumo Cardiovascular University of Michigan W & P Management LLC Xoran Technologies LLC

Detroit Metro

A Raymond Corporate North America, Inc. AAM

Accounting Aid Society Acme Mills, LLC Adient ADVICS North America, Inc. AFC-Holcroft, L.L.C. AgeWays (Area Agency on Aging 1-B) AIAG **AirBoss Flexible Products** Aisin Technical Center of America AJM Packaging Corporation All Well-Being Services Alliance Franchise Brands Amcor Rigid Packaging Head Office American Battery Solutions American Concrete Institute American Furukawa America's Community Council AMETEK, Inc. Amsted Automotive Andersen Material Handling Andrews Hooper Pavlik PLC Arab Community Center for Economic and Social Services (ACCESS) Arbor Research Collaborative for Health Armaly Brands Arobotech Systems, Inc. **Auria Solutions** AutoLiv North America. Inc. AVL North America, Inc. AWTEC USA, Inc. AZTEC Manufacturing Corporation **Barron Industries Bayloff Stamped Products** Behr-Hella Thermocontrol, Inc. (BHTC) Belle Tire Distributors, Inc. Benteler Automotive Corporation Billhighway **Birth Detroit Bizlink Robotic Solutions, USA** Blue Cross Blue Shield of Michigan Bmax BMT Aerospace USA, Inc. BorgWarner Livonia, Inc. **Brighton NC Brose North America Butzel Long** Cadillac Products Automotive Company Cadillac Products Packaging Company Carrier & Gable, Inc. **Charles Stewart Mott Foundation Chase Plastics**

City of Detroit Clear Rate Communications, LLC Cleary Development, Inc **Coastal Automotive** Comau, LLC Commerce Controls, Inc. Consulate General of Canada **Covenant Community Care Covenant House Michigan** Credit Union ONE Crypton LLC Dakkota Integrated Systems LLC Datamatics Global Services, Inc. Dawn Food Products, Inc. Dayco Products, LLC - Technical Center Denso Ten America Limited **Detroit Economic Growth Corporation Detroit Employment Solutions** Corporation Detroit Institute of Arts **Detroit Land Bank Authority** Detroit Public Library **Detroit Regional Chamber** Detroit Regional Partnership Foundation Detroit Zoological Society **Die Services International** Diversified Chemical Technologies, Inc. **Diversified Manufacturing & Assembly** Domino's Pizza LLC DSA Systems, Inc. dSPACE, Inc. DSSI. LLC DTE Energy Durr Systems, Inc. Dykema Gossett PLLC Eastern Oil Company EDAG, Inc. Edcor EEI Global, Inc. **EKK Eagle America Inc** ElringKlinger Automotive Manufacturing, Inc. (Production) EMAG L.L.C. **Energy Products** Faurecia USA Holdings Inc. Ferndale Pharma Group, Inc. Financial One Accounting, Inc. Fisher and Company, Inc. Ford Component Sales, LLC Ford Motor Company

Detroit Metro (Cont'd)

Gage Products Company General Fasteners Company **Gesher Human Services** Gestamp North America GHAFARI Associates, L.L.C Girl Scouts of Southeastern Michigan **GKN** Driveline **Global Psychological Services** GNS - Canton Gordon Advisors, P.C. Griggs Steel Company Grupo Antolin - North America, Inc. Hallite Seals Hanon Systems USA, LLC Harada Industry of America, Inc. Harness Dickey & Pierce PLC Hatch Stamping Company Heat Treating Services Corporation of America Helm LLC Henry Ford Health Hirotec America HMS Mfg. Company **HORIBA** Automotive Hospice of Michigan Hudson-Webber Foundation Humanetics Innovative Solutions IAV Automotive Engineering Inc. **Ilitch Holdings** iMBranded Inalfa Roof Systems, Incorporated **INCOE** Corporation Indian Trails, Inc. InSight Youth and Family Connections, Inc. IRISO, U.S.A., INC. Irvin Automotive Products Inc. ITC Holdings Corp. JAC Products, Inc. Jing-Jin Electric (JJE) North America Joint Venture Hospital Laboratories KAMAX Inc. Kiekert USA, Inc. **Kirchhoff Automotive Kolene Corporation** Kostal of America, Inc. Leader Dogs for the Blind LG Electronics Vehicle Components USA, LLC LG Magna E-Powertrain USA, Inc. LifeSecure Insurance Company Linamar USA Loc Performance, Inc. Lombardo Companies Lowry Solutions, Inc. Lube Power Inc. Magline, Inc.

Magnetic Products. Incorporated MAHLE Behr Troy, Inc. MAHLE Engine Components USA. Inc. Marposs Corporation Marquardt Switches Inc. McLaren Health Care Corporation McNaughton-McKay Electric Company MDI Melvindale Housing Commission Metro Consulting Associates Metropolitan Detroit Area Hospital Services, Inc. Michigan Basic Property Insurance Association Michigan First Credit Union Michigan Milk Producers Association Michigan State University Federal Credit Union (MSUFCU) MiSide Community Impact Network **MMI Engineered Solutions** Moba Americas MP Tool and Engineering Company Mt. Elliott Cemetery Association N.S. International Ltd. NETFORM New Paths. Inc. NHK International Corporation Nichols Nidec Automotive Motor Americas NLB Corporation Nu-Wool Co., Inc. Oakland County - Human Resources **Ogura Corporation** OneMagnify **OPC Social & Activity Center** Paul Murphy Plastics Company PCS Company PEA Group PKC Group Polymer Process Development, LLC (PPD) Precision Coatings, Inc. Progressive Metal Manufacturing PSI Repair Services, Inc. PVS Chemicals, Inc. R.L. Deppmann Company **RAM Construction Services** Rassini International Renkim Corporation RJG Technologies, Inc. Romeo RIM. Inc. **Ross Controls** RouteOne **Rowleys Wholesale** Safety Technology International, Inc. Sames North America Corporation Samsung SDI America, Inc Sanhua International, Inc Schostak Brothers and Company, Inc.

Shape Corporation SLPT Automotive / SLW Warren SME (Society of Manufacturing Engineers) Soave Enterprises LLC Special Tree Rehabilitation SteelPro/Wayne Industries Sumida America Inc. Testek, Incorporated The Albrecht Companies DBA Action Benefits The Heat and Warmth Fund The Oakwood Group The Province of St. Joseph of the Capuchin Order The Signal Group LLC The Zekelman Holocaust Center Three Rivers Corporation thyssenkrupp Steel North America, Inc. **TI Fluid Systems** Tipaloy, Inc. **Total Door Systems** Toyoda Gosei North America Corporation Tram, Inc. **TREMEC** Corporation Trijicon, Inc. Troy Design & Manufacturing **TRUE** Community Credit Union United Way for Southeastern Michigan University of Michigan University Pediatricians Urban League of Detroit & Southeastern Michigan -Administrative Office UTAC US. Inc. Valiant International, TMS Van Eerden Foodservice (VEC INC) Van Mark Products Corporation Vector North America Vesco Oil Corporation Vista Maria W & P Management LLC Waltonen Engineering, Inc. Wayne County Airport Authority Wayne State University Witzenmann U.S.A. Yazaki North America, Inc. Ziebart International Corporation

Flint

Andrews Hooper Pavlik PLC Auria Solutions Billhighway Charles Stewart Mott Foundation Credit Union ONE Datamatics Global Services, Inc. DayStarr LLC

Flint (Cont'd)

Domino's Pizza LLC DTE Energy Flint Cultural Center Corporation Gestamp North America Girl Scouts of Southeastern Michigan **Global Psychological Services** Great Lakes Fusion, LLC Indian Trails, Inc. KAMAX Inc. **Kettering University** Loc Performance, Inc. McLaren Health Care Corporation McNaughton-McKay Electric Company Miller Industries, LLC New Paths, Inc. Newkirk Electric Associates. Inc. Niles Industrial Coatings, LLC Rassini Brakes Soave Enterprises LLC The Shiawassee Regional Chamber of Commerce University of Michigan

Grand Rapids/ Muskegon/ Holland

ACEMCO Inc. Acrofab, Inc ADAC Automotive Adient Aero Foil International Amcor Rigid Packaging Head Office Andersen Material Handling Anderson Global Andrews Hooper Pavlik PLC **Applied Textiles Benteler Automotive Corporation** Blue Cross Blue Shield of Michigan **Bold Furniture** Butzel Long Campbell Grinder Co. Carter Manufacturing/Active Manufacturing **Chase Plastics** Clickbid LLC **Coastal Automotive** Community Foundation for Muskegon Countv **Concept Metals Group Cooper Standard Automotive** County of Muskegon Credit Union ONE **CWC** Textron DISHER Domino's Pizza LLC DTE Enerav Dynamic Conveyor Corp. Engine Power Components, Inc.

ESCAPE Ministries **FEMA** Corporation Financial One Accounting, Inc. FlairWood Glassource **Global Medical Response Global Psychological Services** Goodwill Industries of West Michigan, Inc. Gougeon Brothers, Inc. Grand Haven Board of Light & Power Hackley Community Care Harbor Hospice Harbor Steel Hazekamp Meats HealthWest Hilite International-Whitehall Division **HORIBA** Automotive Hospice of Michigan Howmet Aerospace **INCOE** Corporation ITC Holdings Corp. Kent District Library KL Outdoor K-Line Industries, Inc. Light Corp. Liv Communities Lorin Industries Lowe & Fletcher Machine Ethics of West Michigan MAHLE Ind.Therm.Sys. (US) MasterTag Michigan Basic Property Insurance Association Michigan State University Federal Credit Union (MSUFCU) MOKA Corp. Motion Dynamics Munters Corporation Muskegon Family Care Newkirk Electric Associates, Inc. Nichols Nu-Wool Co., Inc. OMT Veyhl USA Opus Packaging Group, Inc. Orthopaedic Associates of Muskegon Pacific Floorcare PCS Company Pioneer Resources. Inc. **Pliant Plastics Corporartion** R.L. Deppmann Company **RAM Construction Services** Reid Supply **RENK** America RJG Technologies, Inc. **Rolar Products RSI of West Michigan** Safari Circuits SAF-Holland USA, Inc.

Senior Resources of West Michigan Shape Corporation Silver Creek Manufacturing Soils & Structures, Inc. Structural Concepts Corp. Supreme Machined Products Company, Inc. TGW Systems Inc, Tyler Sales Company, Inc. Van Eerden Foodservice (VEC INC) Vesco Oil Corporation W & P Management LLC Waseyabek Development Company Wesco, Inc.

Grand Traverse

Bill Marsh Auto Group Blue Cross Blue Shield of Michigan Credit Union ONE Domino's Pizza LLC DTE Enerav East Jordan Plastics, Inc. Ford Motor Company Hospice of Michigan Liv Communities McLaren Health Care Corporation Nichols Plascon Group, Inc. R. M. Young Company RJG Technologies, Inc. Soils & Structures, Inc. Vesco Oil Corporation

Jackson

Acme Mills, LLC Adrian Steel **Alliance Franchise Brands** Amcor Rigid Packaging Head Office Amsted Automotive Arbor Research Collaborative for Health Auria Solutions Dawn Food Products, Inc. Domino's Pizza LLC Hatch Stamping Company Henry Ford Health Hospice of Michigan **INCOE** Corporation Lomar Machine & Tool Co. MasterTag Michigan Automotive Compressor, Inc. Michigan State University Federal Credit Union (MSUFCU) Opus Packaging Group, Inc. Soave Enterprises LLC Tram, Inc.

Kalamazoo/Battle Creek

AAM

Adient Amcor Rigid Packaging Head Office Arbor Research Collaborative for Health Azon USA, Inc. Chase Plastics Datamatics Global Services, Inc. **Decker Manufacturing Corporation** Discover Kalamazoo Domino's Pizza LLC East Jordan Plastics, Inc. **FEMA Corporation Fibre Converters** Ford Motor Company **General Fasteners Company** Indian Trails, Inc. Magline, Inc. Michigan Milk Producers Association Opus Packaging Group, Inc. Rosler Metal Finishing USA, LLC Soave Enterprises LLC Tram. Inc. W.K. Kellogg Foundation Western Michigan University School of Medicine

Lansing

ADAC Automotive Air Lift Company Amcor Rigid Packaging Head Office Andrews Hooper Pavlik PLC Blue Cross Blue Shield of Michigan **Butzel Long Community Mental Health Association** of Michigan Dakkota Integrated Systems LLC Dart Bank Domino's Pizza LLC First National Bank of America Ford Motor Company Franchino Mold & Engineering **Gestamp North America Global Medical Response Global Orange Development LLC** Gnutti Carlo USA **Granger Waste Services** Hatch Stamping Company Industrial Metal Products Corporation (IMPCO) ITC Holdings Corp. Loc Performance, Inc. MAHLE Engine Components USA, Inc. McLaren Health Care Corporation Michigan Academy of Family Physicians

Michigan Association for Education of Young Children Michigan Association of Health Plans Michigan Association of School Boards Michigan Association of Superintendents and Administrators Michigan College of Emergency Physicians Michigan Community College Association Michigan Dental Association Michigan Farmers Market Association Michigan Funeral Directors Association Michigan HomeCare & Hospice Association Michigan Library Association Michigan Milk Producers Association Michigan Municipal League Michigan Potato Industry Commission Michigan Pupil Accounting and Attendance Association Michigan State University Federal Credit Union (MSUFCU) Michigan Supreme Court Municipal Employees' Retirement System Munters Corporation PEA Group Soave Enterprises LLC Yazaki North America, Inc.

Monroe/Toledo

Arbor Research Collaborative for Health Auria Solutions Dakkota Integrated Systems LLC Detroit Stoker Company Diversified Chemical Technologies, Inc. Domino's Pizza LLC DTE Energy Faurecia USA Holdings Inc. Ford Motor Company **Global Psychological Services** Hospice of Michigan LifeSecure Insurance Company McNaughton-McKay Electric Company Moba Americas NETFORM ProVeyance Group (Woodsage) Soave Enterprises LLC Yazaki North America, Inc.

Northeast Michigan

Auria Solutions **Chase Plastics**

Saginaw/Bay/Midland

AMETEK. Inc. Amsted Automotive Andrews Hooper Pavlik PLC Auria Solutions Case Systems, Inc. CIGNYS CMU Medical Education Partners Domino's Pizza LLC DTE Energy **Duperon Corporation** East Jordan Plastics, Inc. Ford Motor Company Forward Corporation - CES Fullerton Tool Company. Inc. Glastender, Inc. **Global Psychological Services** Gougeon Brothers, Inc. Hausbeck Pickle Company **Highland Plastics** Hospice of Michigan **INCOE** Corporation Integrity Fab & Machine, Inc. Laur Silicone, Inc. Magline, Inc. McLaren Health Care Corporation Melling Products Michigan Milk Producers Association Midland Area Community Foundation Midland's Open Door Munters Corporation New Paths, Inc. Powell Fabrication & Manufacturing LLC R.L. Deppmann Company Rowleys Wholesale RWC, Incorporated Saginaw County Community Mental Health Authority Saginaw Valley State University Saint-Gobain Scheurer Healthcare Network Soave Enterprises LLC Specialty Manufacturing, Inc. StageRight Corporation The F.P. Horak Company Three Rivers Corporation **TI Fluid Systems** Vesco Oil Corporation W & P Management LLC

Upper Peninsula

Advanced Blending Solutions Andrews Hooper Pavlik PLC Argonics Blue Cross Blue Shield of Michigan Domino's Pizza LLC Ford Motor Company Upper Peninsula Power Co.

Wexford/Missaukee

Bandit Industries, Inc. BorgWarner Thermal Systems Carter Manufacturing/Active Manufacturing Chase Plastics Domino's Pizza LLC DTE Energy GHSP-Hart Div. Goodwill Industries of West Michigan, Inc. Harbor Steel Hospice of Michigan Light Corp. Newkirk Electric Associates, Inc. RJG Technologies, Inc. Tyler Sales Company, Inc.