



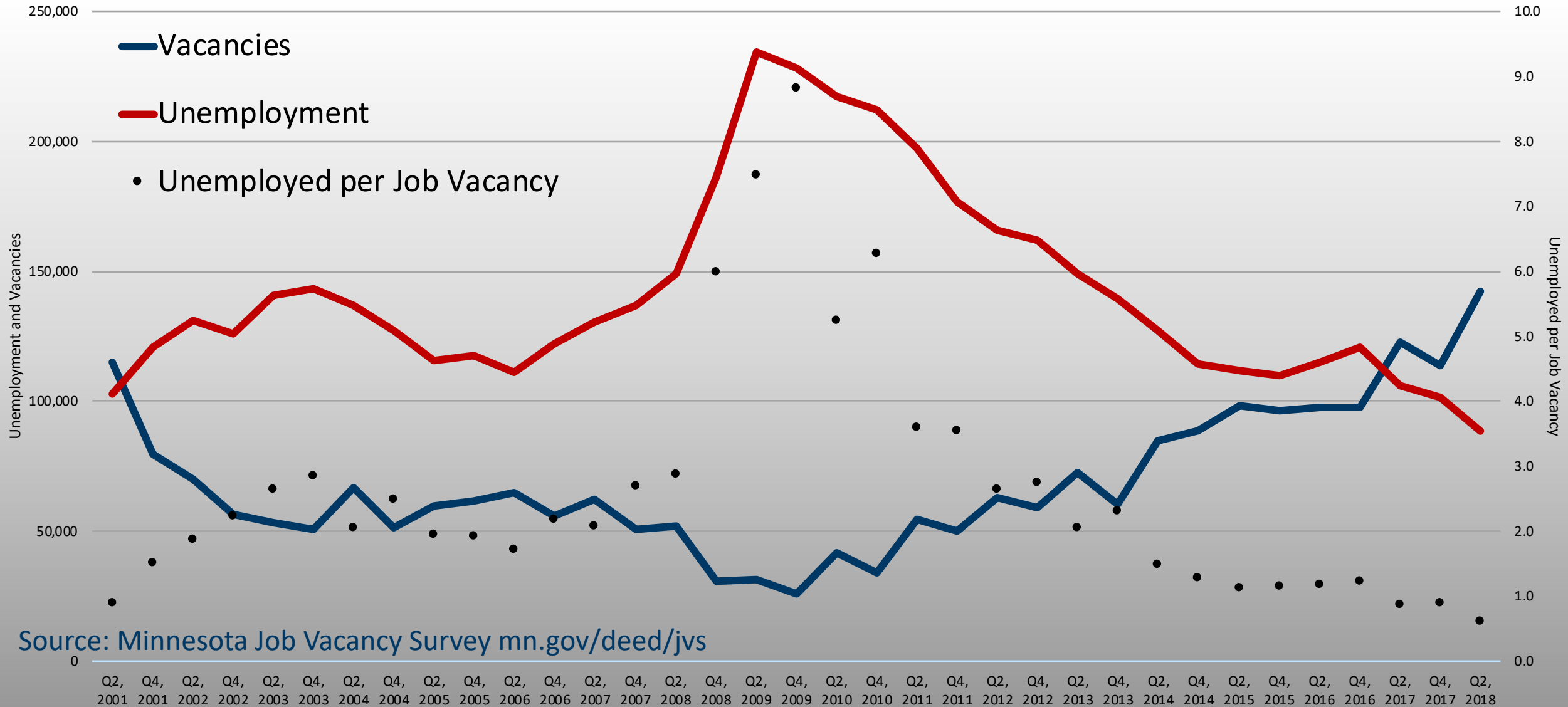
Minnesota's Early Learning Industry and Workforce

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Labor Market Information Office – <http://mn.gov/deed/data>

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High Demand for Workers



Source: Minnesota Job Vacancy Survey mn.gov/deed/jvs



Early Learning Industry and Workforce

Industry Size and Capacity

Program Type	Number of Firms	Average Employment Per Firm	Number of Slots
Licensed family child care providers	7,875	1.3	98,048
Licensed child care centers	1,778	14	133,173
Head Start	138	14	5,643
Certified child care center (public schools etc)	627		
Total	10,418		236,864

Source: DHS Licensing Lookup <https://licensinglookup.dhs.state.mn.us/>

Employment

Source	Program/Staff Type	Employment
DHS	Total by Program Type	43,000
	Head Start	3,465
	Early childhood licensed staff (including district teachers)	6,251
	Staff in child care programs licensed by DHS	35,500
DEED	Total by Occupation	19,940
	Directors	780
	Preschool Teachers (teachers of children birth through 4 years old)	7,610
	Childcare Workers (care for children birth through school age)	11,550

Wages of Early Learning Workforce

Wages	25th	Median	75th
Education Administrators, Preschool and Child Care Center/Program	\$20.50	\$24.60	\$31.72
Preschool Teachers, except special ed	\$12.95	\$15.03	\$25.81
Private ownership	\$12.86	\$14.68	\$17.68
Public ownership	\$16.60	\$21.57	\$28.49
Child Care Workers	\$9.97	\$11.44	\$13.89

Occupational Employment Statistics <https://mn.gov/deed/data/data-tools/oes/>

Payoff to Educational Investment

Degree	Industry of Employment	Number Employed	% Employed in Industry	Median Wage Second Year After Graduation
Certificates	Elementary and Secondary Schools	64	16.2%	\$ 14.20
Certificates	Social Assistance (private center-based)	155	39.3%	\$ 13.20
Associate Degree	Elementary and Secondary Schools	145	16.4%	\$ 14.40
Associate Degree	Social Assistance (center-based programs)	402	45.5%	\$ 13.90
Bachelor's Degree	Elementary and Secondary Schools	287	58.5%	\$ 24.40
Bachelor's Degree	Social Assistance (center-based programs)	101	20.6%	\$ 15.60
Graduate Degree	Elementary and Secondary Schools	109	64.1%	\$ 32.20
Graduate Degree	Social Assistance (center-based programs)	29	17.1%	\$ 21.00

Source: Graduate Employment Outcomes Tool mn.gov/deed/data/data-tools/graduate-employment-outcomes/



Demand

Regional Job Vacancies, Second Quarter 2018

Occupation	Number of Vacancies	Median Wage Offer	Vacancy Rate	Percent Requiring Postsecondary
All Job Vacancies	142,282	\$14.54	5.2%	31%
Preschool Teachers	436	\$20.82	5.7%	100%
Preschool Teachers – private ownership	214	\$14.31	NA	100%
Twin Cities	139	\$14.49	NA	100%
Greater Minnesota	74	\$13.23	NA	100%
Preschool Teachers – public ownership	222	\$24.88	NA	100%
Childcare Workers	1,189	\$12.45	10.3%	15%

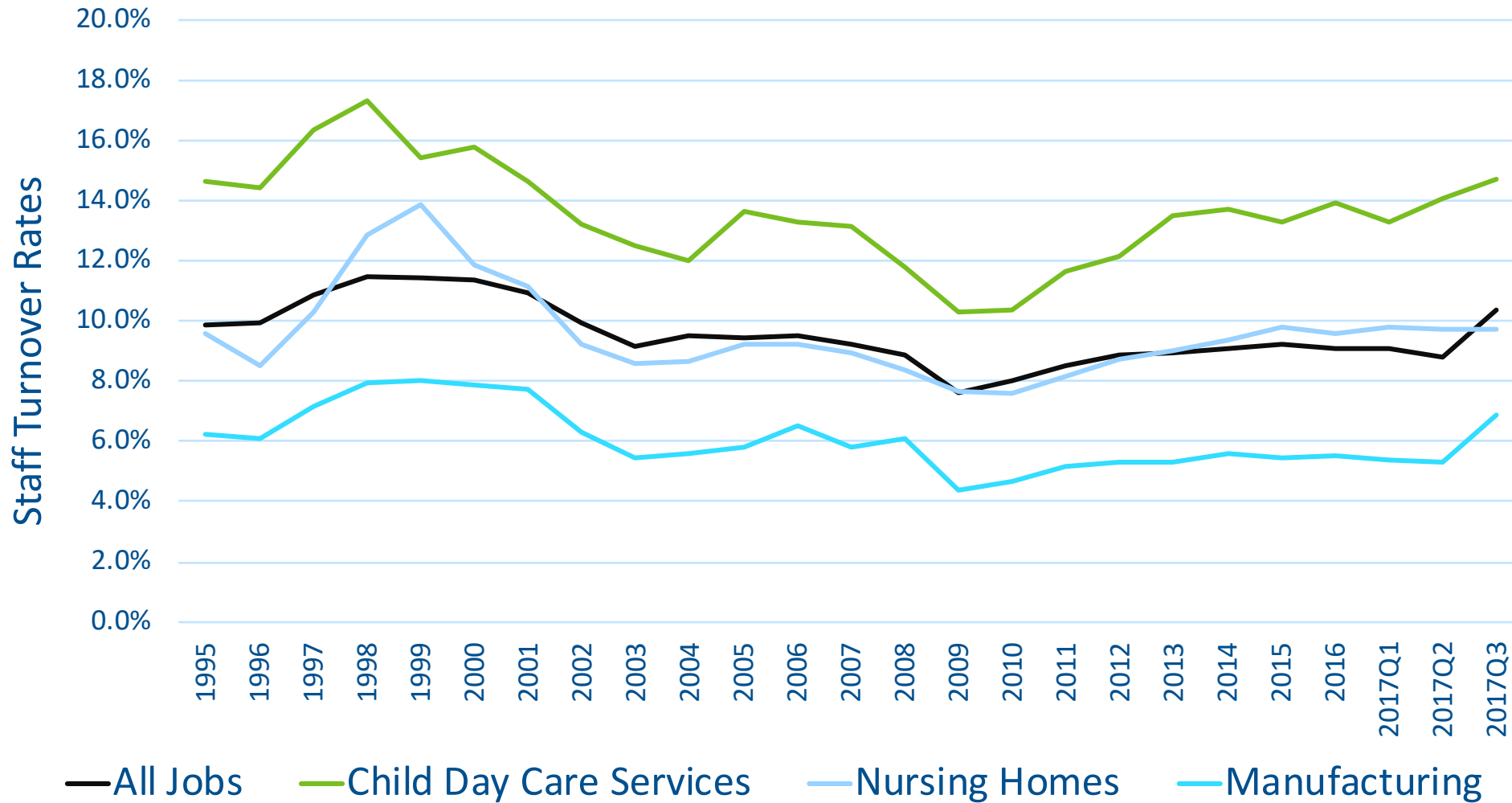
Occupations In Demand: High School Diploma

Job Title	Current Demand Rank	Median Wage	Projected 10-year Growth Rate	Projected 10-year Openings
Heavy and Tractor-Trailer Truck Drivers	4	\$45,942	6.4%	44,152
First-Line Supervisors of Retail Sales Workers	10	\$39,403	2.6%	27,270
First-Line Supervisors of Food Preparation and Ser	11	\$35,511	5.5%	23,392
Customer Service Representatives	12	\$37,675	0.7%	73,305
Sales Representatives, Wholesale and Manufacturing	13	\$64,665	5.8%	36,882
Light Truck or Delivery Services Drivers	19	\$36,567	5.6%	18,762
Medical Assistant	20	\$39,096	25.3%	14,079
Secretaries and Administrative Assistants, Except	22	\$39,759	-7.3%	31,454
Maintenance and Repair Workers, General	25	\$42,747	6.9%	24,934
Security Guards	27	\$31,104	4.1%	15,812
Welders, Cutters, Solderers, and Brazers	30	\$43,550	6.8%	11,037
Pharmacy Technicians	33	\$36,140	10.2%	7,133
Team Assemblers	35	NA	-13.9%	21,813
Tellers	36	\$27,976	-6.7%	8,613
Bus and Truck Mechanics and Diesel Engine Speciali	38	\$49,778	9.9%	6,398
Office Clerks, General	44	\$35,430	-2.4%	64,449
First-Line Supervisors of Office and Administrativ	45	\$58,844	1.6%	23,916
Social and Human Service Assistants	46	\$34,670	8.2%	19,322
Bookkeeping, Accounting, and Auditing Clerks	48	\$42,308	-2.8%	37,949
Medical Secretaries	54	\$41,802	15.1%	15,189
Childcare Workers	56	\$23,813	8.5%	43,922
Receptionists and Information Clerks	58	\$29,897	5.2%	25,593
Securities, Commodities, and Financial Services Sa	61	\$69,575	4.0%	8,635

Occupations In Demand: Associates Degree

Occupation	Current Demand Rank	Median Wage	Projected 10-year Growth Rate	Projected 10-year Openings
Registered Nurses	2	\$78,352	11.1%	42,029
Computer User Support Specialists	64	\$53,127	6.4%	10,883
Preschool Teachers	79	\$31,276	14.9%	8,280
Radiologic Technologists	92	\$64,687	14.6%	3,305
Industrial Engineering Technicians	102	\$51,395	4.3%	2,685

Turnover



Source: Quarterly Workforce Indicators, U.S. Census Bureau, data for Minnesota

Regional Turnover

Region	2016 Turnover, Child Day Care Industry (%)
Duluth MSA	13.7
Mankato MSA	13.6
MSP MSA	13.7
Rochester MSA	13.0
St. Cloud MSA	14.2
Rural Counties (non-MSA)	15.0
Northwest (1) WSA	11.7
Rural CEP (2) WSA	17.0
Northeast (3) WSA	14.5
Southwest (6) WSA	15.0
South Central (7) WSA	15.5
Southeast (8) WSA	12.8