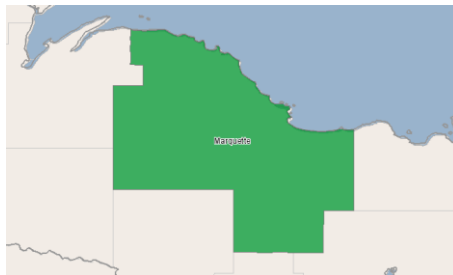


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2007-15 Marquette County: Human Capital (Abilities) Report



With special thanks to Michigan Works! The Job Force Board
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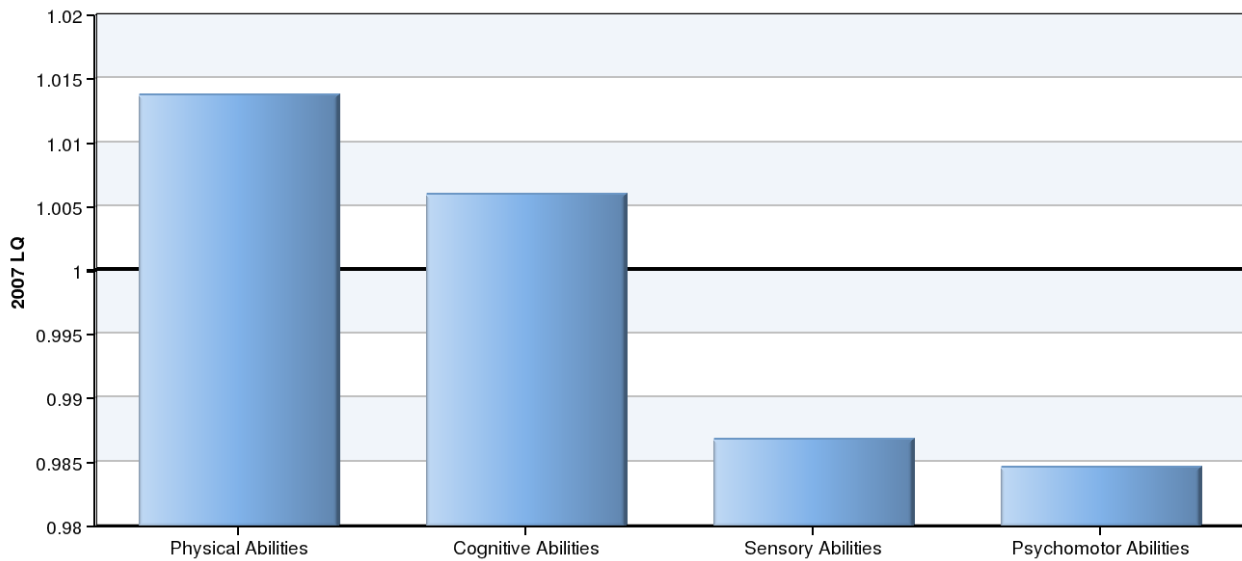
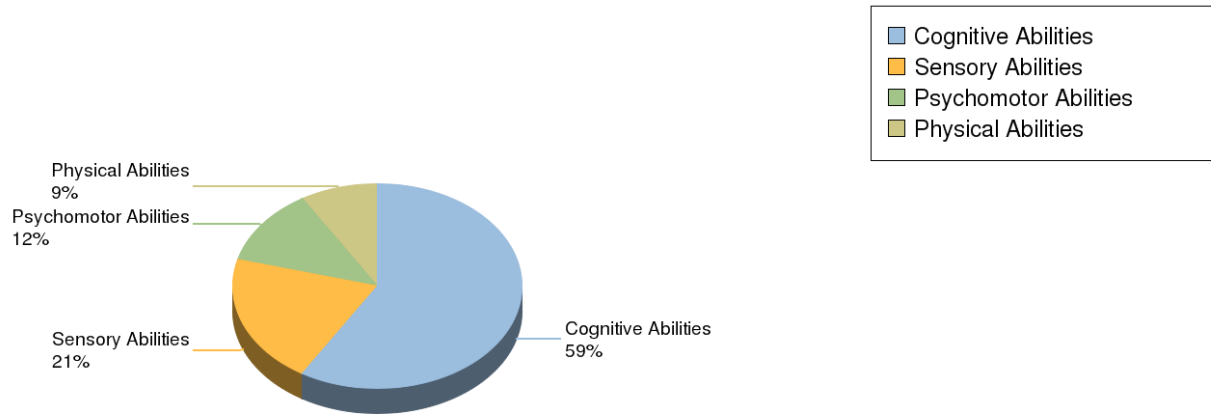
EMSI

Region Info

Region: Marquette County

County Areas: Marquette, Michigan (26103)

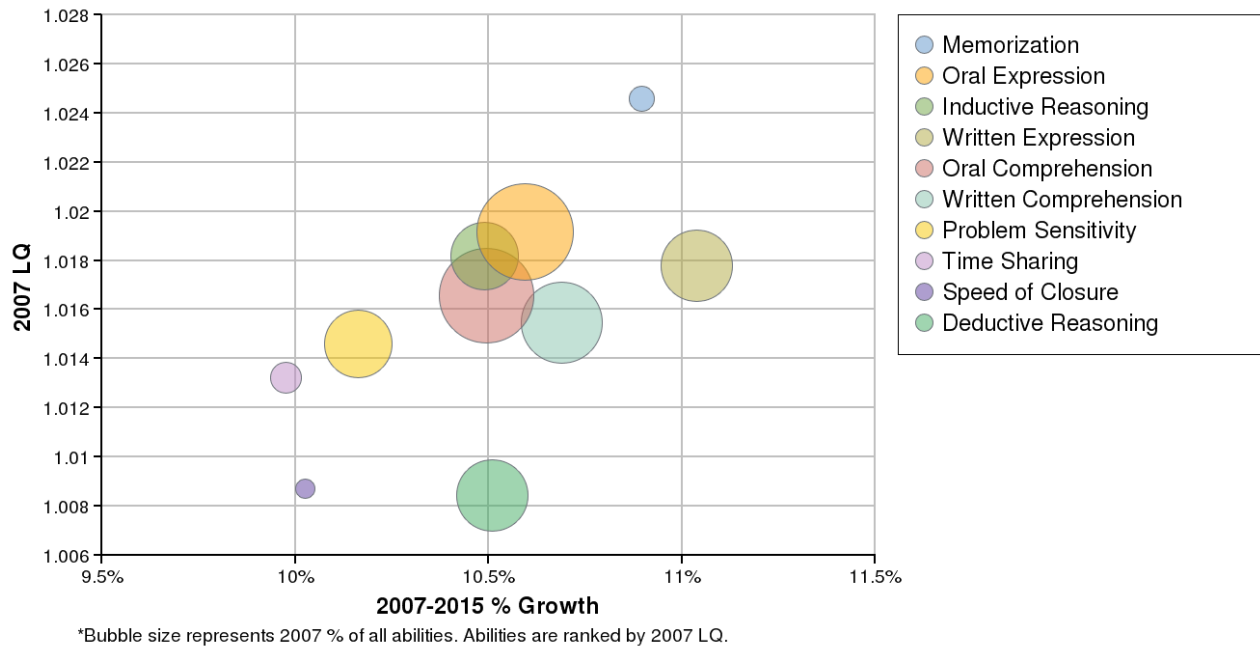
Abilities Summary



Abilities Sector	2007 % of All Abilities	2007-2015 % Growth	2007 LQ	2015 LQ
Physical Abilities	9%	7%	1.01	1.03
Cognitive Abilities	59%	10%	1.01	1.00
Sensory Abilities	21%	9%	0.99	0.99
Psychomotor Abilities	12%	7%	0.98	1.00

Source: U.S. Department of Labor / Employment and Training Administration, O*NET database version 13.

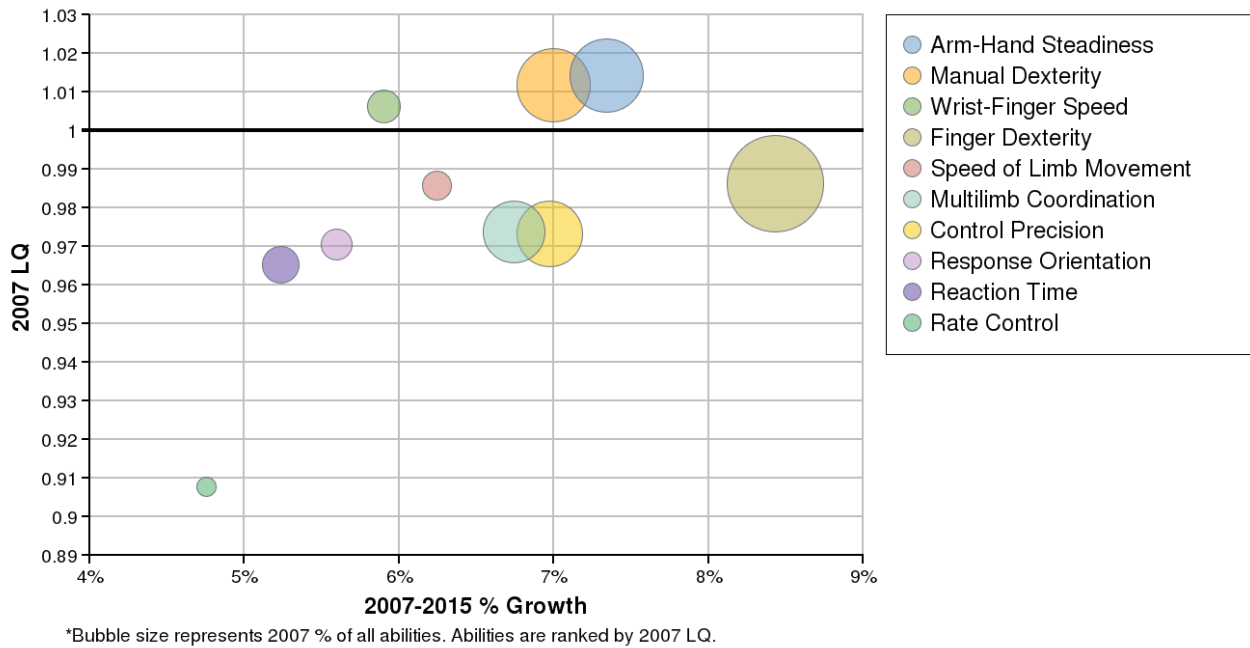
Cognitive Abilities Concentrations



Abilities	2007 % of All Abilities	2007-2015 % Growth	2007 LQ	2015 LQ
Memorization	2.34%	10.9%	1.02	1.02
Oral Expression	4.1%	10.59%	1.02	1.01
Inductive Reasoning	3.39%	10.49%	1.02	1.01
Written Expression	3.48%	11.04%	1.02	1.01
Oral Comprehension	4.04%	10.5%	1.02	1.01
Written Comprehension	3.74%	10.69%	1.02	1.01
Problem Sensitivity	3.39%	10.16%	1.01	1.01
Time Sharing	2.47%	9.98%	1.01	1.01
Speed of Closure	2.18%	10.03%	1.01	1.00
Deductive Reasoning	3.49%	10.51%	1.01	1.00
Selective Attention	2.78%	9.85%	1.01	1.01
Category Flexibility	3.09%	10.14%	1.00	1.00
Information Ordering	3.21%	10.03%	1.00	1.00
Fluency of Ideas	2.7%	10.79%	1.00	0.99
Originality	2.72%	10.95%	1.00	0.99
Mathematical Reasoning	2.15%	10.66%	0.99	0.99
Perceptual Speed	2.19%	9.06%	0.99	0.99
Flexibility of Closure	2.39%	9.51%	0.99	0.99
Number Facility	2.14%	10.11%	0.98	0.98
Visualization	2.21%	9.18%	0.98	0.98
Spatial Orientation	0.5%	5.53%	0.91	0.92

Source: U.S. Department of Labor / Employment and Training Administration, O*NET database version 13.

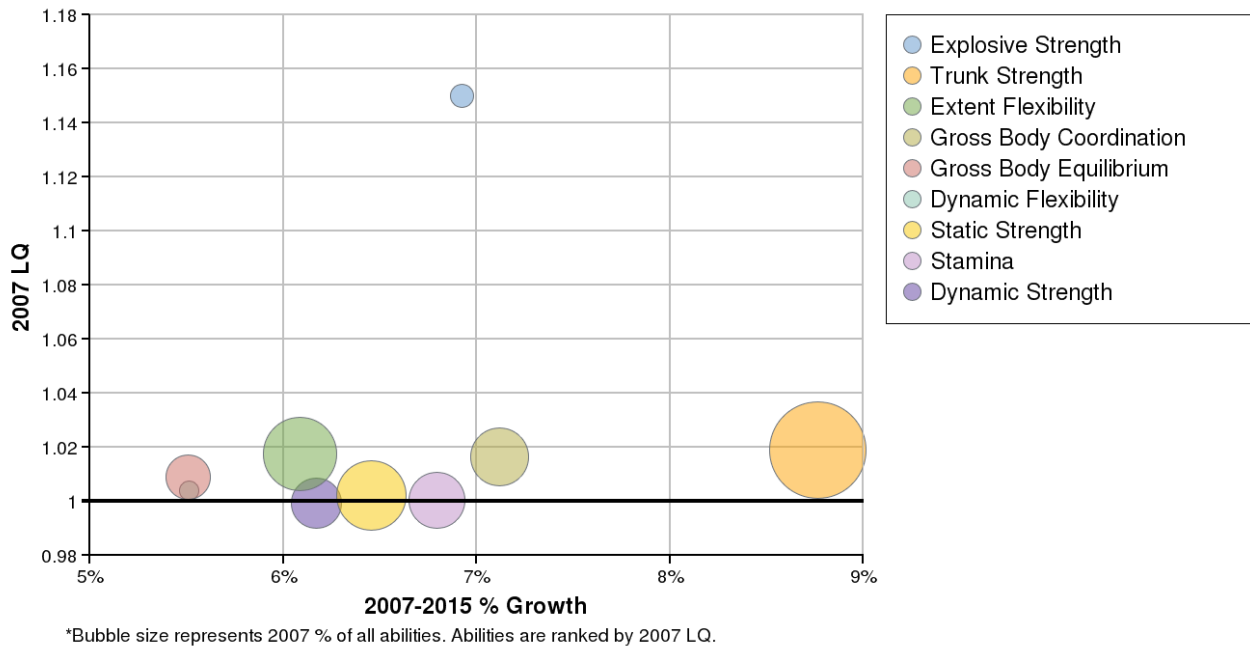
Psychomotor Abilities Concentrations



Abilities	2007 % of All Abilities	2007-2015 % Growth	2007 LQ	2015 LQ
Arm-Hand Steadiness	1.63%	7.34%	1.01	1.03
Manual Dexterity	1.61%	7%	1.01	1.03
Wrist-Finger Speed	0.85%	5.9%	1.01	1.03
Finger Dexterity	2.05%	8.43%	0.99	0.99
Speed of Limb Movement	0.77%	6.24%	0.99	1.00
Multilimb Coordination	1.39%	6.74%	0.97	0.99
Control Precision	1.49%	6.97%	0.97	0.99
Response Orientation	0.83%	5.6%	0.97	0.98
Reaction Time	0.92%	5.23%	0.97	0.98
Rate Control	0.59%	4.76%	0.91	0.93

Source: U.S. Department of Labor / Employment and Training Administration, O*NET database version 13.

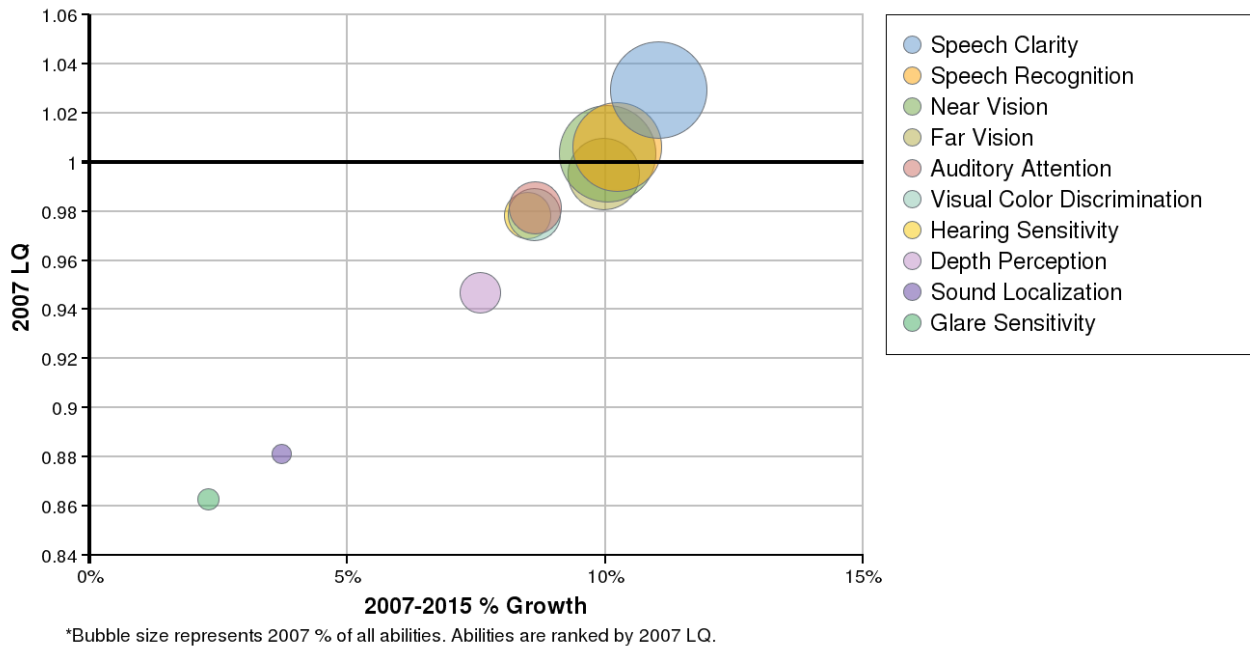
Physical Abilities Concentrations



Abilities	2007 % of All Abilities	2007-2015 % Growth	2007 LQ	2015 LQ
Explosive Strength	0.24%	6.93%	1.15	1.14
Trunk Strength	1.94%	8.77%	1.02	1.03
Extent Flexibility	1.4%	6.09%	1.02	1.03
Gross Body Coordination	1.06%	7.12%	1.02	1.03
Gross Body Equilibrium	0.72%	5.51%	1.01	1.02
Dynamic Flexibility	0.13%	5.51%	1.00	1.02
Static Strength	1.31%	6.46%	1.00	1.02
Stamina	1.02%	6.79%	1.00	1.02
Dynamic Strength	0.85%	6.17%	1.00	1.01

Source: U.S. Department of Labor / Employment and Training Administration, O*NET database version 13.

Sensory Abilities Concentrations



Abilities	2007 % of All Abilities	2007-2015 % Growth	2007 LQ	2015 LQ
Speech Clarity	3.56%	11.04%	1.03	1.02
Speech Recognition	3.25%	10.23%	1.01	1.00
Near Vision	3.55%	10.04%	1.00	1.00
Far Vision	2.51%	9.97%	1.00	0.99
Auditory Attention	1.77%	8.63%	0.98	0.98
Visual Color Discrimination	1.73%	8.62%	0.98	0.98
Hearing Sensitivity	1.49%	8.49%	0.98	0.98
Depth Perception	1.24%	7.57%	0.95	0.96
Sound Localization	0.35%	3.73%	0.88	0.88
Glare Sensitivity	0.42%	2.3%	0.86	0.86
Night Vision	0.31%	3.47%	0.85	0.86
Peripheral Vision	0.33%	3.67%	0.85	0.86

Source: U.S. Department of Labor / Employment and Training Administration, O*NET database version 13.

Data Sources and Calculations

Competency Data

The competency data in this report is taken directly from the O*NET database.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

State Data Sources

This report uses state data from the following agencies: Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives.