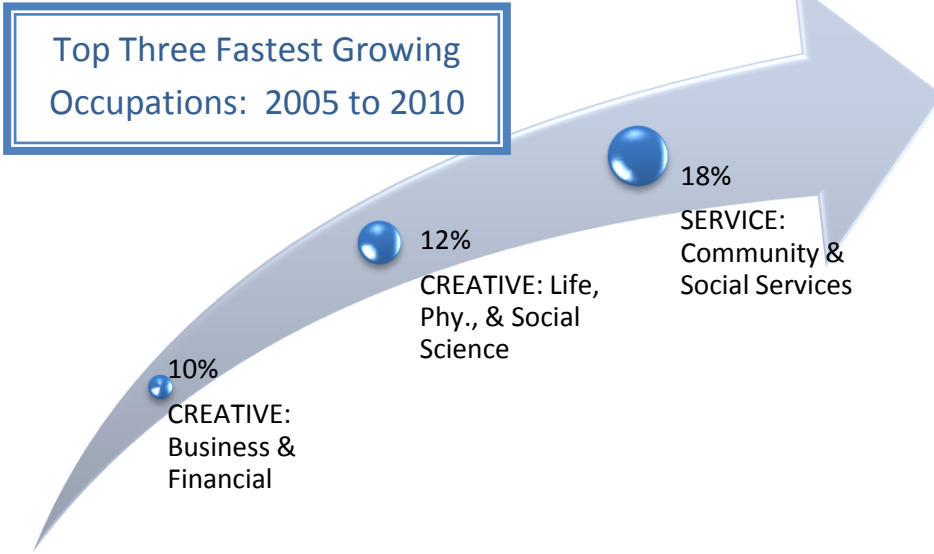
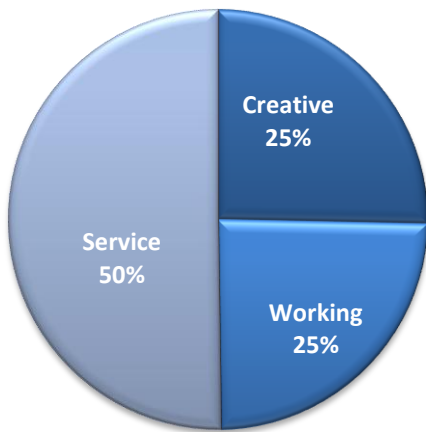


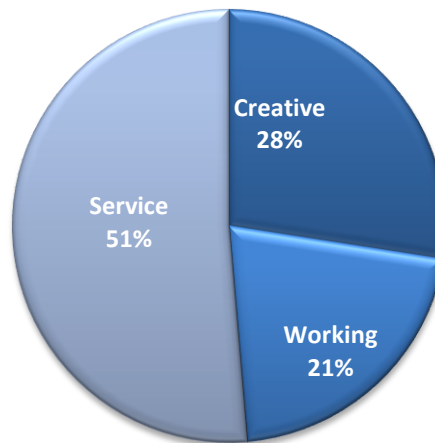
## Northern Transformation Region



Workers by Class: 2005



Workers by Class: 2010



### Top Five Occupations in Number of Jobs

2005

2010

Rank	2005 Occupation	2010 Occupation
#1	•SERVICE: Sales & Related	•SERVICE: Sales & Related
#2	•SERVICE: Office & Admin. Support	•SERVICE: Office & Admin. Support
#3	•CREATIVE: Management	•CREATIVE: Management
#4	•SERVICE: Food Preparation & Serving	•SERVICE: Food Prep. & Service
#5	•WORKING: Construction	•WORKING: Transportation

# Creative, Working & Service Classes

## Northern Transformation Region Data

CREATIVE CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
Management occupations	11,814	11,870	56	0%	\$12.49	\$14.59
Business and financial operations occupations	3,381	3,724	343	10%	\$14.31	\$16.94
Computer and mathematical science occupations	708	659	(49)	(7%)	\$17.73	\$19.14
Architecture and engineering occupations	1,362	1,021	(341)	(25%)	\$21.51	\$22.77
Life, physical, and social science occupations	636	715	79	12%	\$17.64	\$18.82
Legal occupations	639	596	(43)	(7%)	\$15.33	\$18.50
Education, training, and library occupations	5,408	4,974	(434)	(8%)	\$26.36	\$25.99
Arts, design, entertainment, sports, and media occupations	2,683	2,665	(18)	(1%)	\$10.43	\$12.36
Healthcare practitioners and technical occupations	4,589	4,514	(75)	(2%)	\$27.24	\$28.18
<b>Total</b>	<b>31,220</b>	<b>30,739</b>	<b>-481</b>	<b>-0.02</b>	<b>17.54</b>	<b>19.07</b>
WORKING CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
Construction and extraction occupations	8,695	6,597	(2,098)	(24%)	\$12.22	\$13.73
Installation, maintenance, and repair occupations	4,825	4,073	(752)	(16%)	\$14.28	\$15.44
Production occupations	8,663	6,056	(2,607)	(30%)	\$13.62	\$14.57
Transportation and material moving occupations	7,946	6,985	(961)	(12%)	\$12.24	\$13.37
<b>Total</b>	<b>30129</b>	<b>23,711</b>	<b>-6,418</b>	<b>-0.21</b>	<b>12.94</b>	<b>14.13</b>
SERVICE CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
Community and social services occupations	1,537	1,807	270	18%	\$16.00	\$15.93
Healthcare support occupations	3,771	3,982	211	6%	\$10.78	\$11.06
Protective service occupations	1,625	1,481	(144)	(9%)	\$19.78	\$19.64
Food preparation and serving related occupations	9,460	8,151	(1,309)	(14%)	\$8.73	\$9.13
Building and grounds cleaning and maintenance occupations	4,595	4,452	(143)	(3%)	\$9.00	\$9.62
Personal care and service occupations	6,004	5,694	(310)	(5%)	\$8.77	\$9.44
Sales and related occupations	18,889	17,622	(1,267)	(7%)	\$9.50	\$10.87
Office and administrative support occupations	16,013	14,274	(1,739)	(11%)	\$12.11	\$12.87
<b>Total</b>	<b>61,893</b>	<b>57,463</b>	<b>-4,430</b>	<b>-0.07</b>	<b>10.48</b>	<b>11.28</b>

Source: EMSI Complete Employment - 4th Quarter 2011

\*Does not include military or agriculture related occupations.

Module 7 Occupations: Creative, Working & Service Classes

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## Michigan State Data

CREATIVE CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
<b>Management occupations</b>	374,874	363,254	(11,620)	(3%)	\$24.40	\$27.84
<b>Business and financial operations occupations</b>	251,551	257,124	5,573	2%	\$22.30	\$25.24
<b>Computer and mathematical science occupations</b>	102,009	95,754	(6,255)	(6%)	\$29.14	\$30.64
<b>Architecture and engineering occupations</b>	150,580	119,845	(30,735)	(20%)	\$33.04	\$33.72
<b>Life, physical, and social science occupations</b>	44,304	44,978	674	2%	\$22.89	\$25.21
<b>Legal occupations</b>	34,501	34,913	412	1%	\$29.51	\$35.10
<b>Education, training, and library occupations</b>	271,639	265,708	(5,931)	(2%)	\$25.64	\$27.60
<b>Arts, design, entertainment, sports, and media occupations</b>	131,469	134,974	3,505	3%	\$13.18	\$15.76
<b>Healthcare practitioners and technical occupations</b>	244,800	256,304	11,504	5%	\$31.91	\$32.80
<b>Total</b>	1,605,727	1,572,853	-32,874	-0.02	25.57	27.88
WORKING CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
<b>Construction and extraction occupations</b>	252,575	188,560	(64,015)	(25%)	\$17.73	\$19.25
<b>Installation, maintenance, and repair occupations</b>	198,214	173,240	(24,974)	(13%)	\$19.14	\$19.99
<b>Production occupations</b>	531,325	395,937	(135,388)	(25%)	\$16.78	\$17.83
<b>Transportation and material moving occupations</b>	333,130	285,355	(47,775)	(14%)	\$14.44	\$16.09
<b>Total</b>	1,315,244	10,43,092	-272,152	-0.21	16.71	17.98
SERVICE CLASS: Occupations	2005 Jobs	2010 Jobs	Change	% Change	2011 Median Hourly Wage	2011 Avg Hourly Wage
<b>Community and social services occupations</b>	74,434	76,782	2,348	3%	\$17.10	\$18.18
<b>Healthcare support occupations</b>	136,773	153,804	17,031	12%	\$12.07	\$12.53
<b>Protective service occupations</b>	80,742	74,388	(6,354)	(8%)	\$18.98	\$19.30
<b>Food preparation and serving related occupations</b>	358,055	340,028	(18,027)	(5%)	\$9.15	\$9.93
<b>Building and grounds cleaning and maintenance occupations</b>	185,435	189,144	3,709	2%	\$10.14	\$11.05
<b>Personal care and service occupations</b>	196,936	202,492	5,556	3%	\$9.94	\$11.07
<b>Sales and related occupations</b>	700,517	646,915	(53,602)	(8%)	\$12.44	\$14.92
<b>Office and administrative support occupations</b>	727,305	651,739	(75,566)	(10%)	\$14.75	\$15.51
<b>Total</b>	2,460,198	2,335,291	-124,907	-0.05	12.54	13.8

Source: EMSI Complete Employment - 4th Quarter 2011

\*Does not include military or agriculture related occupations.