

REMI Terms and Definitions

Benefits estimated by the model: the total number of jobs created in Michigan (by major industry, including spin-off jobs), and the associated personal income and state government revenue generated due to the gain in economic activity resulting from the project.

Direct jobs: the jobs created at the project facility itself, as estimated at the end of the incentive period.

Employment multiplier: the total number of jobs created (direct plus spin-off) for every direct job introduced constitutes the employment multiplier. The numerator of the employment multiplier equals the number of jobs (direct and spin-off) created on average over the incentive period when the facility is at full operations. The denominator of the employment multiplier represents the direct jobs created yearly over the same period.

Personal income: the income of Michigan residents from all sources, after deduction of contributions to social insurance programs but before deduction of income tax and other personal taxes.

Spin-off jobs: Spin-off jobs are generated from two sources: increased purchases from Michigan suppliers; and spending by people who receive income due to the increased economic activity.

Total employment effects: direct jobs created at the facility itself plus spin-off jobs, as estimated at the end of the incentive period.

REMI estimates do not include the nonmeasurable effects that would produce additional economic and fiscal benefits for Michigan, such as the intangible advantages of influencing other location and expansion decisions.

Advanced Photonix, Inc.
Economic and Fiscal Effects on Michigan - Net Benefits with the Incentive Package

Economic/Fiscal Indicator	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Total Employment											
Manufacturing	34	39	47	63	101	103	103	103	105	105	105
Non-Manufacturing	1	1	1	1	1	1	1	1	0	0	0
Retail Trade	33	38	46	62	100	102	102	102	105	105	105
Services	4	3	4	5	8	9	8	8	8	8	8
Other	9	11	13	18	29	30	30	30	31	31	31
	20	24	29	39	63	63	64	64	66	66	66
In Current Dollars (Thousands):											
Personal Income	\$1,495	\$1,984	\$2,472	\$3,387	\$5,737	\$6,195	\$6,561	\$6,958	\$7,263	\$7,629	\$49,681
Gross State Revenue	115	153	190	261	442	477	505	536	559	587	3,825
Mega Cost	28	69	90	110	150	156	164	171	179	188	1,305
State Revenue Net of MEGA Cost*	\$87	\$84	\$100	\$151	\$292	\$321	\$341	\$365	\$380	\$399	\$2,520
Adjusted for Inflation (Thousands of 2005 Dollars):											
Personal Income	\$1,495	\$1,943	\$2,371	\$3,183	\$5,283	\$5,591	\$5,804	\$6,035	\$6,175	\$6,359	\$44,239
Gross State Revenue	115	150	182	245	407	430	447	465	475	489	3,405
Mega Cost	28	67	87	103	138	141	145	148	152	157	1,166
State Revenue Net of MEGA Cost*	\$87	\$83	\$95	\$142	\$269	\$289	\$302	\$317	\$323	\$332	\$2,239

* These estimates do not include any state government revenue losses due to the Investment Tax Credit, the Renaissance Zone Credit or the property tax abatement.