

Martinrea Industries, Inc.
Summary Estimates
(All monetary estimates in 2006 dollars)

TOTAL JOBS CREATED (as of 2017)	429
Direct	197
Spin-off (includes Indirect Jobs)	232
NET POSITIVE STATE REVENUE IMPACT	\$18,247,000
Revenue foregone	\$2,653,000
Revenue gain	\$20,900,000
Personal income generated over life of MEGA agreement	\$271,434,000
Statewide employment multiplier (average, 2011-17)	2.19
Average Weekly Wage of Direct Jobs (as reported by the company at time of application)	\$626

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

Economic/Fiscal Indicator	2007	2008	2009	2010	2011	2015	2017	Total
Total Employment								
Manufacturing	334	375	376	396	437	431	429	
Non-Manufacturing	168	186	184	194	214	211	211	
Retail Trade	166	189	192	202	223	220	218	
Services	30	33	32	34	38	35	35	
Other	90	98	96	101	111	109	110	
	46	58	64	67	74	76	73	
In Current Dollars (Thousands):								
Personal Income	\$16,690	\$20,320	\$21,850	\$24,380	\$28,260	\$33,600	\$36,130	\$310,138
Gross State Revenue	1,285	1,565	1,682	1,877	2,176	2,587	2,782	23,880
Mega Cost	195	226	226	239	266	318	351	3,024
State Revenue Net of MEGA Cost*	\$1,090	\$1,339	\$1,456	\$1,638	\$1,910	\$2,269	\$2,431	\$20,856
Adjusted for Inflation (Thousands of 2006 Dollars):								
Personal Income	\$16,343	\$19,491	\$20,532	\$22,449	\$25,504	\$28,006	\$28,944	\$271,434
Gross State Revenue	1,258	1,501	1,581	1,728	1,964	2,156	2,229	20,900
Mega Cost	191	217	212	220	240	265	281	2,653
State Revenue Net of MEGA Cost*	\$1,067	\$1,284	\$1,369	\$1,508	\$1,724	\$1,891	\$1,948	\$18,247

* 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.

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.