



Project Deuce

The Tampa Bay Regional Planning Council (TBRPC) has conducted an analysis of the effect of building two research and development facilities in the Tampa Bay Area. One facility would employ 75 individuals in Pinellas County while another facility would be located across the bay in Hillsborough county employing 100 individuals. A total of over \$15 million would be invested in equipment spending. TBRPC utilized its REMI Policy Insight model to generate the employment forecasts.

Pinellas County Employment Impacts

The employees working at the Pinellas County facility would comprise of a majority of technicians, with a smaller percentage of engineers, scientists, supervisors, and clerical positions. The 75 direct jobs at the facility are estimated to generate an additional 51 induced and indirect jobs for a total of 126 jobs for Pinellas County. The combined jobs created generate an average of nearly \$6 million annually.

These combined jobs also contribute an average of nearly \$6 Million to the Gross County Product in each year. The Gross County Product is a concept analogous to the national concept of Gross Domestic Product. It is equal to output excluding the intermediate inputs. It represents compensation and profits. Below is a chart depicting the annual changes

Pinellas Project Deuce - Pinellas Employment Impacts									
	2009	2010	2011	2012	2013	2014	2015	Average Annual	Total
Employment	39	59	81	103	126	126	126	---	---
Gross County Product (\$ Mil)	2.3	3.5	4.9	6.3	7.8	8.0	8.1	5.8	41
Personal Income (\$ Mil)	1.9	3.0	4.4	5.8	7.5	8.0	8.5	5.6	39

Hillsborough County Employment Impacts

The employees working at the Hillsborough County facility would have an effect on Pinellas County's employment due to the close proximity and easy access to the markets. The Hillsborough facility would have a larger mix of scientists and engineers and less technicians and support staff. The 100 direct jobs at the Hillsborough facility are estimated to generate a total of 31 induced and indirect jobs for a total for Pinellas County.

The combined jobs created generate an average of \$2.6 million annually. These combined jobs also contribute an average of nearly \$1.5 Million to the Gross County Product in each year for Pinellas County. Below is a chart depicting the annual changes.

Hillsborough Project Deuce - Pinellas Employment Impacts									
	2009	2010	2011	2012	2013	2014	2015	Average Annual	Total
Employment	8	12	17	21	25	28	31	---	---
Gross County Product (\$ Mil)	0.5	0.8	1.2	1.5	1.8	2.1	2.4	1.5	10
Personal Income (\$ Mil)	1	1.4	2.0	2.6	3.3	3.8	4.4	2.6	18

Regional Employment Impacts

The employees working at both facilities would have a significant impact to the entire region. In this analysis the Tampa Bay Region is defined as the Tampa Bay MSA, including Hillsborough, Pasco, Pinellas, and Manatee County. Project Deuce’s combined 175 technicians, engineers, scientists, supervisors, and clerical positions would create an additional 284 induced and indirect jobs within the region.

The combined jobs created generate an average of \$25 million annually and contribute an average of \$33 Million to the Gross County Product in each year for the combined four counties. Below is a chart depicting the annual changes.

Project Deuce - Regional Employment Impacts									
	2009	2010	2011	2012	2013	2014	2015	Average Annual	Total
Employment	139	203	270	334	402	431	459	---	---
Gross County Product (\$ Mil)	14	20	27	34	41	45	50	33	231
Personal Income (\$ Mil)	9	14	20	25	32	36	41	25	176

Construction Impacts

The \$15.1 Million spent in manufacturing equipment creates 19 full-time equivalent jobs for the Tampa Bay Region during the purchasing and installation period. The purchases generate approximately \$850,000 in additional income and contributes approximately \$700,000 to the Gross County Product.

Project Deuce Assumptions

Project Deuce's employment is shown below by county. Wages were forecasted to grow at 4% per year.

Pinellas	2009	2010	2011	2012	2013	2014	2015
Engineers/ Supervisors	10	13	16	19	22	22	22
Technicians	15	23	32	40	50	50	50
Clerical	2	2	2	3	3	3	3

Hillsborough	2009	2010	2011	2012	2013	2014	2015
Engineers/ Supervisors	25	35	45	55	65	72	79
Technicians	5	7	9	11	13	14	15
Clerical	3	3	4	4	5	5	6

Project Deuce's employment types are shown below. is shown below by county.

	Pinellas	Hillsborough
Total Jobs	75	100
Professional/Scientist/Engineering	22	79
Technician	50	15
Clerical	3	6