



Appendix III

Total Regional Effects – *IMPLAN Type Multipliers*

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As discussed in Chapter 5, the **primary impact** represents additional economic activity that is brought to Vermont *directly* by public-use airports. Each dollar of new activity is partially respent within the local economy; it continues to circulate, and so ultimately has an economic impact larger than one dollar. This additional effect is termed the **spin-off impact**, which is measured by a multiplier. The Study used the IMPLAN model to calculate multipliers for each industry in each local economy served by public-use airports; these multipliers are displayed below. For example, Basin Harbor's Lodging multiplier is 1.39. Thus, one additional dollar of total output (business sales) brought into the Lodging industry in Basin Harbor Airport's local economy recirculates such that its ultimate impact is \$1.39: \$1.00 represents the primary impact, and \$0.39 is the spin-off impact.

	Airport Building and Facilities	FAA / Public Sector Expenditure	Airlines	Aircraft Leasing and Maintenance	Misc. Air Services	Retail	Lodging	Food Service	Rental Car	Entertainment	Taxi Services	Manufacturing	Services	Trade	Finance, Insurance and Real Estate	Construction and Utilities
Basin Harbor Airport																
Total Output							1,3899	1,3582	1,3073	1,3636						
per \$ of Primary Impact Output							1,3679	1,3460	1,4041	1,3179						
Total Wages							1,2819	1,1811	1,2426	1,0589						
per Unit of Prim. Imp. Employment																
Burlington International Airport																
Total Output	1,4557	1,5728	1,4557	1,4557	1,4557	1,4880	1,5750	1,6263	1,4776	1,5410	1,4880	1,7133	1,9158	1,6793	1,5343	1,9940
per \$ of Primary Impact Output	1,4264	1,2535	1,4264	1,4264	1,4264	1,3644	1,5513	1,5648	1,6381	1,4766	1,3644	1,9405	1,6820	1,5887	1,9700	2,1430
Total Wages	1,4264	1,4679	1,4264	1,4264	1,4264	1,2649	1,3922	1,2947	1,7628	1,0990	1,2649	2,5994	1,8317	1,4405	1,9870	2,2527
per Unit of Prim. Imp. Employment																
Caledonia County State Airport																
Total Output	1,5055						1,4571	1,4608	1,3375	1,4199						
per \$ of Primary Impact Output	1,3450						1,4404	1,4483	1,4375	1,3571						
Total Wages	1,4676						1,2485	1,2220	1,3769	1,1177						
per Unit of Prim. Imp. Employment																
EF Knapp State Airport																
Total Output	1,5901			1,4115			1,5369	1,5530	1,4291	1,5047	1,5530	1,5662				1,6987
per \$ of Primary Impact Output	1,3948			1,3728			1,4896	1,5007	1,5547	1,4251	1,5007	2,0641				1,9641
Total Wages	1,5360			1,5957			1,4256	1,2656	1,5065	1,1382	1,2656	2,4331				2,1652
per Unit of Prim. Imp. Employment																
Fair Haven Municipal Airport																
Total Output	1,3731						1,5155	1,4769	1,4079	1,4774						
per \$ of Primary Impact Output	1,3483						1,4861	1,4748	1,5414	1,4220						
Total Wages	1,5395						1,4226	1,2410	1,6227	1,1087						
per Unit of Prim. Imp. Employment																
Franklin County State Airport																
Total Output	1,4127			1,3068			1,3828	1,3968	1,3082	1,3296						
per \$ of Primary Impact Output	1,2841			1,3140			1,3661	1,3754	1,4137	1,5343						
Total Wages	1,3787			1,2482			1,2806	1,1686	1,4368	1,0684						
per Unit of Prim. Imp. Employment																
Hartness State Airport																
Total Output	1,5167						1,4640	1,4485	1,3678	1,4498			1,7769			1,9398
per \$ of Primary Impact Output	1,3416						1,4209	1,4177	1,4764	1,3748			2,1233			1,7223
Total Wages	1,4530						1,2250	1,3473	1,4264	1,0989			2,7240			1,6619
per Unit of Prim. Imp. Employment																
John H. Boylan State Airport																
Total Output	1,1955						1,3899	1,3582	1,3073	1,3636						
per \$ of Primary Impact Output	1,1233						1,3679	1,3460	1,4041	1,3179						
Total Wages	1,1998						1,2819	1,1811	1,2426	1,0589						
per Unit of Prim. Imp. Employment																

	Airport Building and Facilities	FAA / Public Sector Expenditure	Airlines	Aircraft Leasing and Maintenance	Misc. Air Services	Retail	Lodging	Food Service	Rental Car	Entertainment	Manufacturing	Services	Trade	Finance, Insurance and Real Estate	Construction and Utilities
Middlebury State Airport															
Total Output	1,4523			1,3073			1,3899	1,3582	1,3073	1,3636	1,7769				1,7614
per \$ of Primary Impact Output															
Total Wages	1,3001			1,3068			1,2565	1,3460	1,4041	1,3179	2,1233				1,9846
per \$ of Primary Impact Payroll															
Total Employment	1,4124			1,2554			1,2819	1,1811	1,2426	1,0589	2,7240				2,1192
per Unit of Prim. Imp. Employment															
Morrisville-Stowe State Airport															
Total Output	1,4618			1,2799			1,4072	1,3782	0,0000	1,3978	1,7266				1,5703
per \$ of Primary Impact Output															
Total Wages	1,3001			1,2641			1,3552	1,3481	0,0000	1,3270	2,1166				1,7521
per \$ of Primary Impact Payroll															
Total Employment	1,4146			1,2147			1,3230	1,1984	0,0000	1,1382	2,4640				2,1832
per Unit of Prim. Imp. Employment															
Mt. Snow Airport															
Total Output															
per \$ of Primary Impact Output															
Total Wages															
per \$ of Primary Impact Payroll															
Total Employment															
per Unit of Prim. Imp. Employment															
Newport State Airport															
Total Output	1,4597			1,2605			1,3862	1,3939	0,0000	1,3727					
per \$ of Primary Impact Output															
Total Wages	1,3038			1,2518			1,3411	1,3656	0,0000	1,3019					
per \$ of Primary Impact Payroll															
Total Employment	1,4229			1,1984			1,2709	1,1870	0,0000	1,1206					
per Unit of Prim. Imp. Employment															
Post Mills Airport															
Total Output															
per \$ of Primary Impact Output															
Total Wages															
per \$ of Primary Impact Payroll															
Total Employment															
per Unit of Prim. Imp. Employment															
Rutland State Airport															
Total Output	1,5682			1,3731			1,3694	1,3572	1,4079	1,4774					
per \$ of Primary Impact Output															
Total Wages	1,3919			1,2212			1,3421	1,3621	1,5414	1,4220					
per \$ of Primary Impact Payroll															
Total Employment	1,5380			1,5395			1,2863	1,1779	1,6227	1,1087					
per Unit of Prim. Imp. Employment															
Warren-Sugarbush Airport															
Total Output															
per \$ of Primary Impact Output															
Total Wages															
per \$ of Primary Impact Payroll															
Total Employment															
per Unit of Prim. Imp. Employment															
William H. Morse State Airport															
Total Output	1,5446			1,3482			1,4680	1,4621	1,3961	1,4658	1,5291				
per \$ of Primary Impact Output															
Total Wages	1,3702			1,3158			1,4359	1,4434	1,5109	1,3990	1,9114				
per \$ of Primary Impact Payroll															
Total Employment	1,4946			1,6088			1,3618	1,2402	1,5092	1,1370	2,4836				
per Unit of Prim. Imp. Employment															