



2022 Fort Drum Regional Economic Impact

A Report on the Direct, Indirect, and Induced Impacts of Fort Drum Spending
for the Federal Fiscal Year Ending September 30, 2022.



Special thanks to the Jefferson County Planning Department for their work in maintaining the model and producing each year's results.

The Model:

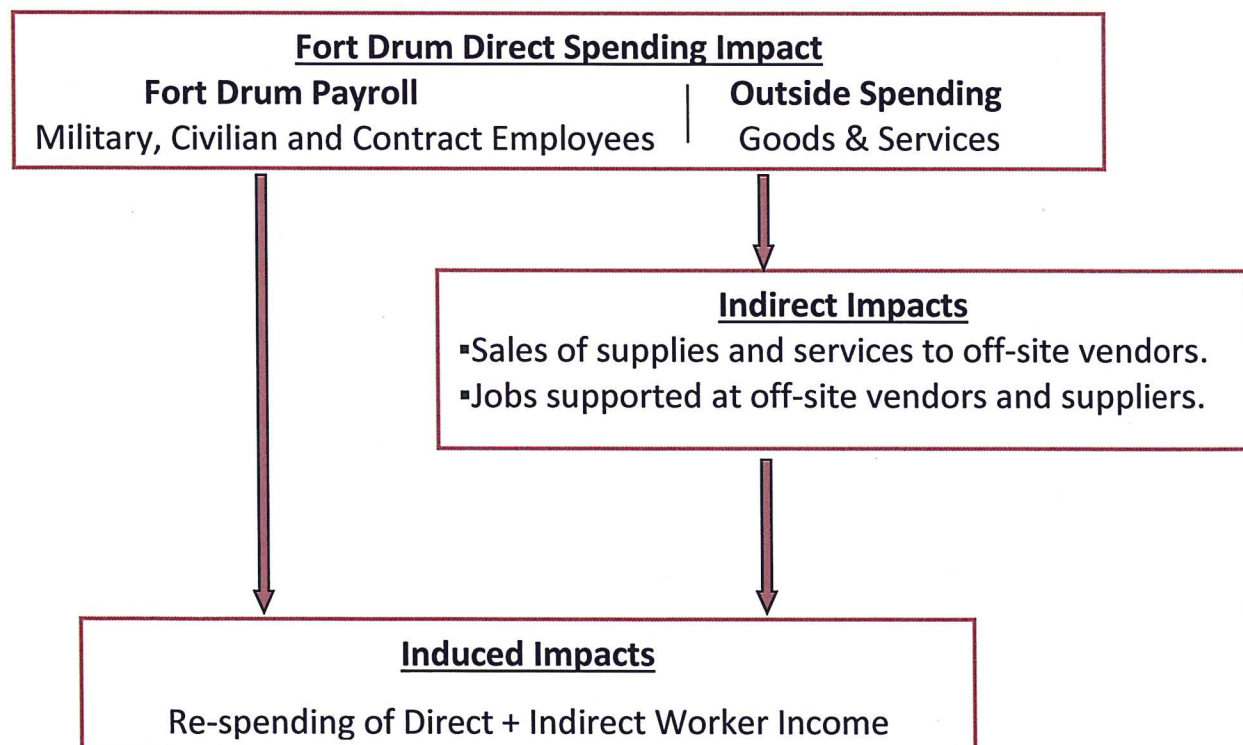
The Advocate Drum economic impact model for Fort Drum spending is an IMPLAN based model developed by EBP US, Boston, MA. The current model is co-funded by the Development Authority of the North Country. It is maintained in-kind by the Jefferson County Planning Department, which inputs the data to calculate the results. The inputs are provided by Fort Drum in its annual Economic Impact Statement, which only reports direct spending in numerous categories. Our model estimates TOTAL economic impact by identifying the additional indirect and induced impacts through the use of industry-specific multipliers, local purchase coefficients, income-to-output ratios, demographic patterns, and other factors.

Types of Impacts:

Direct Impacts – The direct economic impacts include 1) payroll (military and civilian on-post employees, including contract workers) spent by the US Department of Defense, and 2) non-payroll (outside) spending by the Department of Defense with vendors providing goods and services to Fort Drum.

Indirect Impacts – The indirect economic impacts are additional business sales, off-site jobs, and income supported by Fort Drum's non-payroll expenditures for services and supplies. The magnitude of the total indirect effect depends on the types of purchases made each year and the extent to which those purchases go to businesses located within the tri-county region.

Induced Impacts – The economic result from re-spending of the wages associated with direct and indirect employment. As workers re-spend their income on consumer purchases, they generate business sales and employment in other sectors of the economy.



Fort Drum Regional Economic Impact

Federal Fiscal Year 2022 (Oct. 1, 2021 – Sept. 30, 2022)

Tri-County Region Economic Impact (Jefferson, Lewis, St. Lawrence) & the rest of NYS (jobs and millions of dollars)			
Economic Impacts	Direct	Indirect/Induced	Total
Gross Output	\$ 1,620.0*	\$ 596.2	\$ 2,216.2
Gross Regional Product (GRP)	\$ 1,121.6	\$ 355.6	\$ 1,477.2
Labor Earnings	\$ 1,121.6	\$ 264.9	\$ 1,386.5
Employment	18,920	5,888	24,808

Gross Output, GRP, and Labor Earnings are alternative views of the same economic impacts and cannot be added together.

*Direct Gross Output may not match data published by Fort Drum due to tabulation variables.

Gross Output – Fort Drum’s TOTAL economic impact. This includes Fort Drum’s total payroll and non-payroll spending, plus the additional indirect and induced impacts, as defined on the previous page.

Gross Regional Product (GRP) – GRP is a measure of value-added economic activity occurring within the region. In the case of Fort Drum, it represents the value of its payroll entering the region’s economy plus net business profits resulting from Fort Drum related activity.

Labor Earnings – This line indicates Fort Drum’s total contribution to personal income in the Tri-County region. It includes the value of Fort Drum’s direct payroll entering the economy plus the wage income related to the indirect, off-post jobs supported by Fort Drum economic activity.

Employment – Total Fort Drum related employment includes the military and civilian jobs supported directly by the installation (including contract employees), plus the additional indirect jobs that exist off-post due to Fort Drum’s presence in the region.

Individual County Economic Impacts in the Tri-County Area and the Rest of New York State

Economic Impacts (jobs and millions of dollars)					
Direct Impact (Fort Drum operation), by place-of-residence*	Jefferson County	Lewis County	St. Lawrence County	Rest of New York State	Total
Gross Output	\$1,392.4	\$62.7	\$47.4	\$117.6	\$1,620.0
GRP (Value Added)	\$1,029.7	\$56.4	\$22.3	\$13.2	\$1,121.6
Labor Earnings (Wages & Salaries)	\$1,029.7	\$56.4	\$22.3	\$13.2	\$1,121.6
Employment	17,437	925	354	204	18,920
* Fort Drum is located in Jefferson Co.; this table shows how direct impacts accrue to residents of Jefferson Co. and other areas.					
Indirect & Induced Impact (beyond Fort Drum), by location of impact					
Gross Output	\$573.5	\$14.4	\$5.3	\$3.0	\$596.2
GRP (Value Added)	\$342.0	\$8.6	\$3.2	\$1.8	\$355.6
Labor Earnings (Wages & Salaries)	\$254.8	\$6.4	\$2.4	\$1.3	\$264.9
Employment	5,664	142	53	29	5,888
Total Impact					
Gross Output	\$1,965.8	\$77.1	\$52.7	\$120.6	\$2,216.2
GRP (Value Added)	\$1,371.7	\$65.0	\$25.5	\$15.0	\$1,477.2
Labor Earnings (Wages & Salaries)	\$1,284.5	\$62.8	\$24.7	\$14.5	\$1,386.5
Employment	23,101	1,067	407	233	24,808



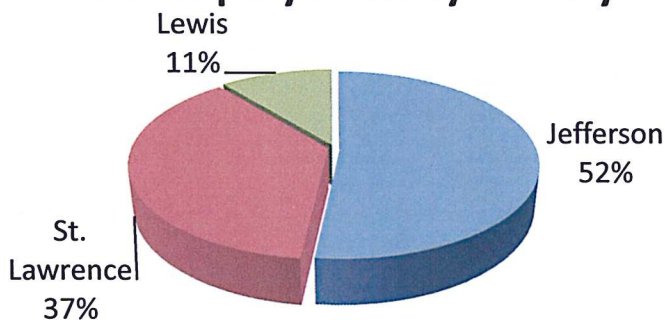
With 18,920 Military and Civilian personnel, Fort Drum is the largest single-site employer in New York State.

The 24,579 Fort Drum related jobs (direct & indirect) represent 22.0 % of wage earners in the Tri-County region.

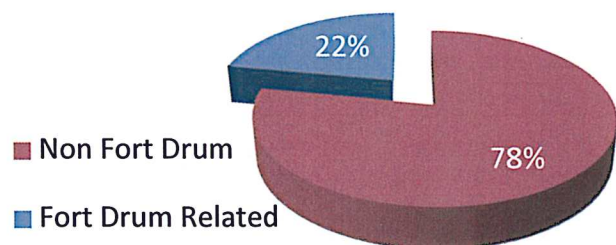
Total Regional Employment Impact by County

County	Non Fort Drum Related	Direct Military	Direct Civilian	Indirect	Total	% Fort Drum Related
Jefferson	34,979	14,295	2,957	5,664	57,895	39.6%
Lewis	10,939	648	419	142	12,148	9.9%
St. Lawrence	<u>41,182</u>	<u>136</u>	<u>265</u>	<u>53</u>	<u>41,636</u>	<u>1.1%</u>
Tri-County Total	87,100	15,079	3,641	5,859	111,679	22.0%

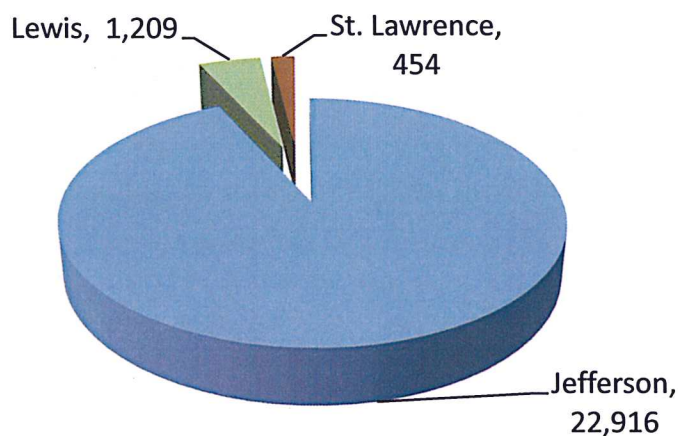
Total Employment by County



Fort Drum/Non Fort Drum Related Employment



Fort Drum Related Employment - County



Indirect & Induced Job Impact by Industry in Tri-County Region



Historical Summary of Fort Drum Regional Economic Impact

	1998	2005	2007*	2010	2015	2018	2019	2020	2021	2022
JOBS										
Military Personnel	10,515	15,082	16,950	19,447	15,457	14,960	15,154	14,998	15,656	15,079
Civilian Personnel	2,463	3,626	3,960	4,826	3,857	4,126	3,994	3,912	3,912	3,841
Fort Drum Jobs	12,978	18,708	20,910	24,273	19,314	19,086	19,148	18,910	19,568	18,920
Indirect and Induced	3,759	6,338	7,918	7,261	5,973	6,485	5,465	6,058	6,340	5,888
Regional – Total Fort Drum Related	16,737	25,046	30,804	33,796	25,287	25,571	24,613	24,968	25,908	24,888
Fort Drum related as % of Total Regional		21.0%	25.3%	27.4%	22.6%	23.0%	22.2%	23.4%	23.6%	22.2%
SPENDING (USD billions)										
Direct Spending	\$0.485	\$0.87	\$1.47	\$1.54	\$1.28	\$1.42	\$1.34	\$1.42	\$1.54	\$1.62
Indirect/Induced	\$0.237	\$0.42	\$0.57	\$0.40	\$0.38	\$0.45	\$0.36	\$0.41	\$0.42	\$0.60
Total Economic Impact	\$0.722	\$1.29	\$2.04	\$1.94	\$1.66	\$1.88	\$1.70	\$1.83	\$1.96	\$2.22
Impact as a % of Regional GDP	---	---	18.5%	19.9%	13.0%	12.6%	11.6%	12.5%	11.3%	11.1%
Retirees										
Retirees in Region (incl. survivors)	---	---	1,976	2,262	3,129	3,586	3,858	2,663**	2,639**	2,668**

* Model was updated in 2007 to the more appropriate IMPLAN based model. Previous years used a REMI-based model.

** Change from using Tri-County zip codes to Congressional District 21, and in 2022 Congressional Districts 21 & 24.

Sources: Fort Drum Economic Impact Statement

Fort Drum Regional Economic Impact Model