North Dakota National Guard

FY19 Economic Impact Analysis



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Methodology / Availability of Information

The Economic Impact Analysis (EIA) provides unclassified key information about the resources and economic impact of the military on the State of North Dakota.

In fiscal year (FY) 2019 Military organizations employed 13,953 people and created about 3,909 indirect jobs in North Dakota. Annual payroll for military employees is approximately \$719.3M and indirect salaries are approximately \$191.0M. The military also has direct expenses for construction, services, materials, equipment and supplies of \$223.5M. Total military economic impact in North Dakota for Fiscal Year 2019 was estimated at about \$1.13B.

The total economic impact of the military in North Dakota is calculated by totaling annual payroll, annual expenditures and estimated dollar value of indirect jobs created. The economic area for this report is the State of North Dakota. The indirect job multipliers were obtained from LMI Economic Impact database, Installations and Indirect/Induced Multipliers, Feb 95. The average annual pay for North Dakota was obtained from the North Dakota Workforce Intelligence, a statistics web site using State labor information from the 1st quarter of 2019. This program analysis was prepared within the parameters of the Office of the Secretary of Defenses' economic impact analysis model. The funding sources used in this analysis are Appropriated Funds (AFP), Non-Appropriated Funds (NAF) and State Military Funds. Some figures were estimates based on known factors and are identified in the report. The Active Duty information was obtained from the Annual Economic Impact Analysis for the Grand Forks and Minot Air Force bases and information provided by Armed Forces Recruiting Stations.

National Guard is made up of North Dakota Army and Air National Guard units. Active Duty is made up of the Air Force bases at Minot and Grand Forks and the Armed Forces recruiting stations for Air Force, Army, Marines and Navy. The Reserves are made up of the Air Force at Minot; the Army at Bismarck, Fargo and Grand Forks; the Marines at Wahpeton and the Navy at Fargo.

Information contained in this analysis is for the period 01 Oct 18 through 30 Sep 19 (Fiscal year 2019). The report is broken down by location (Tables 1-5) and military component (Tables 6-11). The information for this analysis was collected and compiled by NGND-PFO-IR.

TABLE 1: Personnel by classification (By Location)

reisonner by classification (by Lo	ocation)			
	National Guard	Active Duty	Reserves *	<u>Total</u>
1. Military Appropriated				
Bismarck/Mandan	967	14	40	1,021
Devils Lake	319			319
Fargo/West Fargo	1,536	17	119	1,672
Grand Forks	322	1,651	44	2,017
Minot	283	5,622	17	5,922
Other	637		66	703
Total	4,064	7,304	286	11,654
2. Appropriated Fund Civilians				
Bismarck/Mandan	224		8	232
Devils Lake	49		G	49
Fargo/West Fargo	204		4	208
Grand Forks	10	312	1	323
Minot	9	587	•	596
Other	12	00.		12
Mil techs included in part 1 *	(468)			(468)
Total	40	899	13	952
rotal			1.0	
3. Other Civilians				
Bismarck/Mandan	75			75
Devils Lake	53			53
Fargo/West Fargo	59			59
Grand Forks	4	636		640
Minot	5	512		517
Other	3			3
	199	1,148		1,347
Total Personnel	4,303	9,351	299	13,953
4. Dependents				
Bismarck/Mandan	1,479	18	64	1,561
Devils Lake	502			502
Fargo/West Fargo	2,104	26	163	2,293
Grand Forks	282	1,830	60	2,172
Minot	393	5,308	23	5,724
Other	656		88	744
Total Dependents	5,416	7,182	398	12,996
Total Personnel and Dependents	9,719	16,533	697	26,949
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^{*}Some military members are Federal technicians and are included in part 1. The total is reduced by that number so they are not counted twice.

^{**} The number of Reserve dependents was estimated using the National Guard Military Member to dependent ratio.

TABLE 2: Annual Payroll by Classification (By Location)

	National Guard		<u>Ac</u>	Active Duty		<u>eserves</u>		Total	
1. Military Appropriate	ed								
Bismarck	\$	34,394,489	\$	965,655	\$	475,260	\$	35,835,404	
Devils Lake		10,806,192						10,806,192	
Fargo		49,136,731		995,168		1,545,542		51,677,441	
Grand Forks		4,477,513		95,595,225		302,154		100,374,892	
Minot		9,647,628		323,746,190		979,124		334,372,942	
Other		9,182,750				857,189		10,039,939	
	\$	117,645,303	\$	421,302,238	\$	4,159,269	\$	543,106,810	
2. Appropriated Fund	e Civ	viliane							
Bismarck/Mandan	s Ci	25,291,084			\$	535,332	\$	25,826,416	
Devils Lake	Ψ	3,933,124			Ψ	333,332	Ψ	3,933,124	
Fargo/West Fargo		18,748,002				124,444		18,872,446	
Grand Forks		985,865		35,493,146		57,345		36,536,356	
Minot		1,081,214		53,914,002		37,343		54,995,216	
Other		1,026,915		33,314,002				1,026,915	
Othor	\$	51,066,204	\$	89,407,148	\$	717,121	\$	141,190,473	
	<u> </u>	01,000,204	Ψ	00,401,140	Ψ		Ψ	141,100,410	
3. **Other Civilian									
Bismarck/Mandan	\$	6,334,972					\$	6,334,972	
Devils Lake		3,928,897						3,928,897	
Fargo/West Fargo		3,854,428						3,854,428	
Grand Forks		338,479		5,975,010				6,313,489	
Minot		418,558		13,810,481				14,229,039	
Other		294,026						294,026	
	\$	15,169,360	\$	19,785,491			\$	34,954,851	
4 T-1-1 A									
4. Total Annual Payro		00 000 545	Φ	005.055	Φ	4 040 500	Φ	07 000 700	
Bismarck/Mandan	\$	66,020,545	\$	965,655	\$	1,010,592	\$	67,996,792	
Devils Lake		18,668,213		005.400		4 000 000		18,668,213	
Fargo/West Fargo		71,739,161		995,168		1,669,986		74,404,315	
Grand Forks		5,801,857		137,063,381		359,499		143,224,737	
Minot		11,147,400		391,470,673		979,124		403,597,197	
Other		10,503,691		-		857,189		11,360,880	
	\$	183,880,867	\$	530,494,877	\$	4,876,390	\$	719,252,134	

^{*} The Reserves payroll was estimated based on known members because actual payroll amounts were not available

^{**} The National Guard contract employees payroll was estimated because actual payroll amounts were not available.

TABLE 3: Expenditures for Construction, services, and procurement of materials, equipment and supplies

	Nat	tional Guard	<u>Ac</u>	tive Duty	Re	serves*		<u>Total</u>
1. CONSTRUCTION Bismarck/Mandan Devils Lake Fargo/West Fargo Grand Forks Minot Other		27,519,513		20,089,208 7,713,640				27,519,513 20,089,208 7,713,640
	\$	27,519,513	\$	27,802,848			\$	55,322,361
2. SERVICES, MATI	ERΙΔ	I S FOLIIPME	NT	AND SHIPPH	FS	PROCURI	ЕMБ	=NT
Bismarck/Mandan	-1\17 \$	11,966,292		AND COLLE	\$	65,939	 \$	12,032,231
Devils Lake	Ψ	8,006,997			Ψ	00,000	Ψ	8,006,997
Fargo/West Fargo		14,103,356				154,013		14,257,369
Grand Forks		1,248,185		70,918,908		78,467		72,245,560
Minot		6,561,615		53,379,341		, , , , , ,		59,940,956
Other		1,401,213		, ,		257,693		1,658,906
	\$	43,287,658	\$	124,298,249	\$	556,112	\$	168,142,019
3. TOTAL ANNUAL	EYD	ENDITLIDES						
Bismarck/Mandan	L X F	11,966,292			\$	65,939	\$	12,032,231
Devils Lake	Ψ	8,006,997			Ψ	00,000	Ψ	8,006,997
Fargo/West Fargo		41,622,869				154,013		41,776,882
Grand Forks		1,248,185		91,008,116		78,467		92,334,768
Minot		6,561,615		61,092,981		,,		67,654,596
Other		1,401,213		, - 3 — , - 3 .		257,693		1,658,906
	\$	70,807,171	\$	152,101,097	\$	556,112	\$	223,464,380

^{*}Army Reserve Expenditures were estimated because actual figures were not available.

TABLE 4: Indirect Jobs created (By Location)

Bismarck/Mandan Active/AGR 178 114 3 195 0.29 57 Reserves 596 37 633 0.13 82 Appropriated Civilian 224 8 232 0.43 100 NAF Civilian 75 - 0 0.43 32 BX/PX, State and Contract 75 0.43 32 Cative/AGR 69 0.29 20 Reserves 202 - 69 0.29 20 Reserves 202 - 49 0.43 21 NAF Civilian 49 - 20 0.13 26 Appropriated Civilian 49 - 49 0.43 21 NAF Civilian 49 - 1.29 67 Reserves 201 17 13 231 0.29 67 Reserves 1,139 117 1,256 0.13 163 49 49 43 49 44	manoot oobo oroatoa (D	,	• •				Indirect
Bismarck/Mandan		National	Active				jobs
Active/AGR 178 14 3 195 0.29 578 Reserves 596 37 633 0.13 82 Appropriated Civilian 224 8 232 0.43 100 NAF Civilian 75 75 0.43 32 Devils Lake Active/AGR 69 8 69 0.29 20 Reserves 202 202 0.13 26 Reservers 202 202 0.13 26 Appropriated Civilian 49 49 0.43 21 NAF Civilian 49 49 0.43 22 Reserves 133 373 373 29 Active/AGR 201 17 13 231 0.29 67 Reserves 1,139 117 1,33 231 0.29 67 Reserves 2,14 3 2,07 0.43 89 NAF Civilian 4		Guard	Duty	Reserves	Total	Multiplier	created
Reserves 596 37 633 0.13 82 Appropriated Civilian 224 8 232 0.43 100 NAF Civilian 75 0.43 32 BX/PX, State and Contract 75 0.43 32 Devils Lake Active/AGR 69 69 0.29 20 Reserves 202 202 0.13 26 Appropriated Civilian 49 49 0.43 21 NAF Civilian 53 53 0.43 23 Eargo/West Fargo 201 17 13 231 0.29 66 Reserves 1,139 117 1,256 0.13 163 Appropriated Civilian 204 3 207 0.43 89 NAF Civilian 204 3 207 0.43 89 NAF Civilian 204 3 207 0.43 25 Appropriated Civilian 1,651 1,669							
Appropriated Civilian NAF Civilian NAF Civilian Civilian Civilian Civilian Civilian SX/PX, State and Contract Park Park Park Park Park Park Park Park			14				
NAF Civilian NAF							
BXPPX, State and Contract 75 1,073 14 48 1,135 277 178 179		224		8			100
1,073							
Devils Lake	BX/PX, State and Contract					0.43	
Active/AGR 69 69 0.29 20 Reserves 202 202 0.13 26 Appropriated Civilian 49 49 0.43 21 NAF Civilian 53 53 0.43 23 Fargo/West Fargo Active/AGR 201 17 13 231 0.29 67 Reserves 1,139 117 1,256 0.13 163 Appropriated Civilian 204 3 207 0.43 89 NAF Civilian 59 59 0.43 25 Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 25 <td< th=""><th></th><th>1,073</th><th>14</th><th>48</th><th>1,135</th><th></th><th>271</th></td<>		1,073	14	48	1,135		271
Reserves 202 202 0.13 26 Appropriated Civilian 49 49 0.43 21 NAF Civilian 0 0.43 23 BX/PX, State and Contract 53 373 90 Fargo/West Fargo 201 17 13 231 0.29 67 Reserves 1,139 117 1,256 0.13 163 Appropriated Civilian 204 3 207 0.43 89 NAF Civilian 59 59 0.43 25 BX/PX, State and Contract 59 59 0.43 25 Grand Forks 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 Active/AGR 77 5,622 5,699 0.29 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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BX/PX, State and Contract 53 53 0.43 23 Fargo/West Fargo Active/AGR 201 17 13 231 0.29 67 Reserves 1,139 117 1,256 0.13 163 Appropriated Civilian 204 3 207 0.43 89 NAF Civilian 59 59 0.43 25 BX/PX, State and Contract 59 59 0.43 25 Grand Forks Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 326 2,599 45 2,970 942 Active/AGR 77 5,622 5,699 0.29 1,653 Reserves <t< td=""><td></td><td>49</td><td></td><td></td><td></td><td></td><td>21</td></t<>		49					21
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Fargo/West Fargo 201 17 13 231 0.29 67 Reserves 1,139 117 1,256 0.13 163 Appropriated Civilian 204 3 207 0.43 89 NAF Civilian 59 59 0.43 25 BX/PX, State and Contract 59 59 0.43 25 Grand Forks Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 2,599 45 2,970 942 Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9	BX/PX, State and Contract					0.43	
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NAF Civilian Symbol	Reserves	1,139			1,256	0.13	163
Sy State and Contract 1,603 59 0.43 25 Grand Forks Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 326 2,599 45 2,970 942 Minot 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Other 28 6,721 17 7,026 2,159 Active/AGR 28 6 34	Appropriated Civilian	204		3	207	0.43	89
Grand Forks Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 326 2,599 45 2,970 942 Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropria	NAF Civilian					0.43	
Grand Forks Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract	BX/PX, State and Contract					0.43	
Active/AGR 18 1,651 1,669 0.29 484 Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 575 579 0.43 249 Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 12 0.43 5 NAF Civilian 10 <t< th=""><th></th><th>1,603</th><th>17</th><th>133</th><th>1,753</th><th></th><th>345</th></t<>		1,603	17	133	1,753		345
Reserves 294 44 338 0.13 44 Appropriated Civilian 10 373 1 384 0.43 165 NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract 326 2,599 45 2,970 942 Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 Other Active/AGR 28 6,721 17 7,026 2,159 Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 <td< td=""><td>Grand Forks</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Grand Forks						
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NAF Civilian 4 575 579 0.43 249 BX/PX, State and Contract Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 288 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 12 0.43 5 BX/PX, State and Contract 3 3 0.43 1 640 66 706 706 102	Reserves	294		44	338	0.13	44
BX/PX, State and Contract 0.43 - Minot 326 2,599 45 2,970 942 Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 2 12 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 706 102	Appropriated Civilian	10	373	1	384	0.43	165
Minot 326 2,599 45 2,970 942 Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102	NAF Civilian	4	575		579	0.43	249
Minot Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 12 0.43 5 NAF Civilian 3 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	BX/PX, State and Contract					0.43	-
Active/AGR 77 5,622 5,699 0.29 1,653 Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 28 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 3 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102		326	2,599	45	2,970		942
Reserves 197 17 214 0.13 28 Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 288 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 12 12 0.43 5 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	Minot						_
Appropriated Civilian 9 587 596 0.43 256 NAF Civilian 5 512 517 0.43 222 BX/PX, State and Contract 288 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	Active/AGR	77	5,622		5,699	0.29	1,653
NAF Civilian BX/PX, State and Contract 5 512 517 0.43 222 BX/PX, State and Contract Contract 28 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	Reserves	197		17	214	0.13	28
BX/PX, State and Contract 288 6,721 17 7,026 2,159 Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102	Appropriated Civilian	9	587		596	0.43	256
Other 288 6,721 17 7,026 2,159 Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102	NAF Civilian	5	512		517	0.43	222
Other Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102	BX/PX, State and Contract					0.43	
Active/AGR 28 6 34 0.29 10 Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102		288	6,721	17	7,026		2,159
Reserves 597 60 657 0.13 85 Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 1 BX/PX, State and Contract 3 0.43 1 640 66 706 102	Other						_
Appropriated Civilian 12 12 0.43 5 NAF Civilian 0.43 0.43 0.43 1 BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	Active/AGR	28		6	34	0.29	10
NAF Civilian 0.43 BX/PX, State and Contract 3 0.43 1 640 66 706 102	Reserves	597		60	657	0.13	85
BX/PX, State and Contract 3 3 0.43 1 640 66 706 102	Appropriated Civilian	12			12	0.43	5
640 66 706 102	NAF Civilian					0.43	
	BX/PX, State and Contract				3	0.43	
Totals 4,303 9,351 309 13,963 3,909							
	Totals	4,303	9,351	309	13,963		3,909

Multiplier: LMI Economic database, Installations and Indirect/Induced Job Multipliers, Feb 95

TABLE 4a: Estimated annual dollar value of jobs created by location

	Indirect Jobs	Average Wage	<u>In</u>	direct wages
Bismarck/Mandan	271	\$ 52,364	\$	14,182,789
Devils Lake	90	40,456		3,646,299
Fargo/West Fargo	345	51,220		17,652,973
Grand Forks	942	44,460		41,883,098
Minot	2,159	50,128		108,232,367
Other	102	53,092		5,400,518
	3,909		\$	190,998,046

The average annual salary was taken from www.ndworkforeceintelligence.com for the 1st quarter of 2019.

TABLE 5Total Annual Economic Impact by Location

Annual	Payro	Ш
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•		ntional Guard	-	Active Duty	į	Reserves		<u>Total</u>
Bismarck/Mandan	\$	66,020,545	\$	965,655	\$	1,010,592	\$	67,996,792
Devils Lake		18,668,213						18,668,213
Fargo/West Fargo		71,739,161		995,168		1,669,986		74,404,315
Grand Forks		5,801,857		137,063,381		359,499		143,224,737
Minot		11,147,400		391,470,673		979,124		403,597,197
Other		10,503,691				857,189		11,360,880
	\$	183,880,867	\$	530,494,877	\$	4,876,390	\$	719,252,134
Annual Funanditura	_							
Annual Expenditure		14 000 000			ው	6F 020	ው	40.000.004
Bismarck/Mandan	\$	11,966,292			\$	65,939	\$	12,032,231
Devils Lake		8,006,997				454040		8,006,997
Fargo/West Fargo		41,622,869		04 000 440		154,013		41,776,882
Grand Forks		1,248,185		91,008,116		78,467		92,334,768
Minot		6,561,615		61,092,981		057.000		67,654,596
Other	<u> </u>	1,401,213	.	452 404 007	.	257,693 EEC 442	.	1,658,906
	\$	70,807,171	\$	152,101,097	\$	556,112	\$	223,464,380
Annual Indirect Wag	qes							
Bismarck/Mandan	\$	13,492,632	\$	212,598	\$	477,560	\$	14,182,789
Devils Lake	·	3,646,299	·	•	·	,	·	3,646,299
Fargo/West Fargo		16,362,229		252,515		1,038,229		17,652,973
Grand Forks		2,198,992		39,410,678		273,429		41,883,098
Minot		2,704,907		105,416,678		110,783		108,232,367
Other		4,894,021				506,498		5,400,518
	\$	43,299,079	\$	145,292,468	\$	2,406,499	\$	190,998,046
Total Economic Imp	oac	t						
Bismarck/Mandan	\$	91,479,469	\$	1,178,253	\$	1,554,091	\$	94,211,812
Devils Lake		30,321,509						30,321,509
Fargo/West Fargo		129,724,259		1,247,683		2,862,228		133,834,170
						744 005		
Grand Forks		9,249,034		267,482,175		711,395		277,442,603
Grand Forks Minot		9,249,034 20,413,922		267,482,175 557,980,332		1,089,907		277,442,603 579,484,160
						•		, ,

TABLE 6: Personnel by classification (By Component)

1. Military Appropriated

, a procession	National Guard	Active Duty	Reserves	<u>Total</u>
Air Force	1,130	7,273	17	8,420
Army	2,934	18	138	3,090
Marines		4	66	70
Navy		9	65	74
Total	4,064	7,304	286	11,654
2. Appropriated Fund Civilians				
General Scale	508	899	13	1,420
Excepted technicians included in	200	333	.0	.,0
Part One	(468)			(468)
Total	40	899	13	952
3. Other Civilians				
State Employees	147			147
NAF Civilians		397		397
Civilian BX/PX/DECA	5	201		206
Contract	47	418		465
Private		132		132
Total	199	1,148		1,347
Total Personnel	4,303	9,351	299	13,953
4. Dependents				
Air Force	1,739	7,139	23	8,901
Army	3,677	25	200	3,902
Marines		6	88	94
Navy		13	87	100
Total Dependents	5,416	7,183	398	12,997
Total Personnel and dependents	9,719	16,534	697	26,950

^{*}Some National Guard Civilians are also military members and are included in with the Military Appropriated Civilians and therefore not added into the total personnel.

TABLE 7:
Annual Payroll by Classification (By Component)

Na	ntional Guard	:	Active Duty	*	<u>Reserves</u>		<u>Total</u>		
1. Military Appropriated									
	42.508.181	\$	419.414.722	\$	979.124	\$	462,902,027		
•		•		,	•	Ť	77,369,300		
	, ,		564,707		857,189		1,421,896		
			268,730		1,144,857		1,413,587		
\$	117,645,303	\$	421,302,237	\$	4,159,270	\$	543,106,810		
			\$81.647.148	\$	717,121	\$	133,430,473		
Ť	- ,, -		¥ = , = ,	•	,	Ť	, ,		
\$	51,066,204	\$	81,647,148	\$	717,121	\$	133,430,473		
\$	12,373,360 2,796,000 15,169,360	\$	13,142,330 6,643,161 7,760,000 27,545,491			\$	12,373,360 13,142,330 9,439,161 7,760,000 42,714,851		
\$	183,880,867	\$	530,494,876	\$	4,876,391	\$	719,252,134		
	d \$ \$ \$ \$ \$ \$	\$ 42,508,181 75,137,122 \$ 117,645,303 Civilians \$ 51,066,204 \$ 51,066,204 \$ 12,373,360 2,796,000 \$ 15,169,360	d \$ 42,508,181 \$ 75,137,122 \$ 117,645,303 \$ \$ Civilians \$ 51,066,204 \$ 51,066,204 \$ \$ 12,373,360 \$ 2,796,000 \$ 15,169,360 \$	\$ 42,508,181 \$ 419,414,722 75,137,122 1,054,078 564,707 268,730 \$ 117,645,303 \$ 421,302,237 \$ 51,066,204 \$ 81,647,148 \$ 51,066,204 \$ 81,647,148 \$ 12,373,360 2,796,000 6,643,161 7,760,000 \$ 15,169,360 \$ 27,545,491	\$ 42,508,181 \$ 419,414,722 \$ 75,137,122 1,054,078 564,707 268,730 \$ 117,645,303 \$ 421,302,237 \$ \$ \$ 51,066,204 \$ 81,647,148 \$ \$ \$ 51,066,204 \$ 81,647,148 \$ \$ \$ 12,373,360 \$ 13,142,330 2,796,000 6,643,161 7,760,000 \$ 15,169,360 \$ 27,545,491	\$ 42,508,181 \$ 419,414,722 \$ 979,124	\$ 42,508,181 \$ 419,414,722 \$ 979,124 \$ 75,137,122		

^{*} The Reserves payroll was estimated based on known members because actual payroll amounts were not available

^{**} The National Guard contract employees payroll was estimated because actual payroll amounts were not available.

TABLE 8
Expenditures for Construction, Services and Materials (By Component)

Component,	Nat	ional Guard	Ac	tive Duty	*Re	eserves	<u>Total</u>
Construction Military Construction Military Family Housing	\$	27,519,513	\$				\$ 27,519,513
Operations and Maintenance				27,802,848			27,802,848
Total	\$	27,519,513	\$	27,802,848	\$		\$ 55,322,361
Services, Materials, Equipment and Supplies procurement	nt \$	43,287,658 43,287,658	\$	124,298,249 124,298,249		556,112 556,112	\$ 168,142,019 168,142,019
Total Expenditures	\$	70,807,171	\$	152,101,097	\$	556,112	\$ 223,464,380

^{*}Army Reserve Expenditures were estimated because actual figures were not available.

TABLE 9
Estimate of number and dollar value of indirect jobs created (by component)

						<u>Indirect</u>
	<u>National</u>	<u>Active</u>				<u>Jobs</u>
	<u>Guard</u>	Duty	Reserves	<u>Total</u>	<u>Multiplier</u>	Created
Active Duty Military	571	7,304	22	7,897	0.29	2,290
Traditional	3,025	-	275	3,300	0.13	429
AFP Civilian	496	2,047	12	2,555	0.43	1,099
Other Civilian	211			211	0.43	91
Total	4,303	9,351	309	13,963	_	3,909

Estimated number of indirect jobs created

	Total jobs created	3,909
Reserves		47
National Guard		863
Active Duty		2,998

Active Duty	\$ 145,292,468
National Guard	43,299,079
Reserves	2,406,499
Estimated total	\$ 190,998,046

Multiplier: LMI Economic database, Installations and Indirect/Induced Job Multipliers, Feb 95.

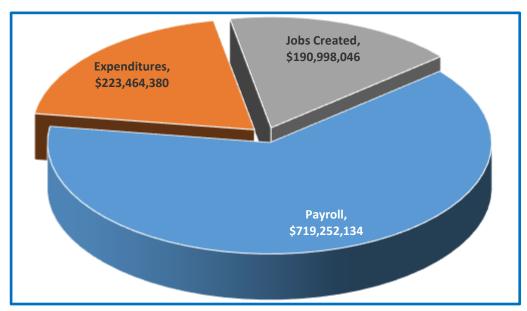
TABLE 10
Total Annual Economic Impact Estimate (By Component)

	Na	ational Guard	4	Active Duty	_	Reserves		<u>Total</u>
Annual Payroll								
Military	\$	117,645,303	\$	421,302,238	\$	4,159,270	\$	543,106,811
Fed Civilian		51,066,204		89,407,148		717,121		141,190,473
Other Civilian		15,169,360		19,785,491				34,954,851
Total Payroll	\$	183,880,867	\$	530,494,877	\$	4,876,391	\$	719,252,135
		-		-		-		-
Annual Expenditures								
	\$	70,807,171	\$	152,101,097	\$	556,112	\$	223,464,380
Estimated Annual Dollar Value of Jobs Created								
	\$	43,299,079	\$	145,292,468	\$	2,406,499	\$	190,998,046
Total	\$	297,987,117	\$	827,888,442	\$	7,839,002	\$	1,133,714,561
Estimated Annual Dol	lar	Value of Jobs 43,299,079	\$ Cı	reated 145,292,468	\$	2,406,499	\$	190,998,0

TABLE 11:
Total Annual Economic Impact Estimate (By Location)

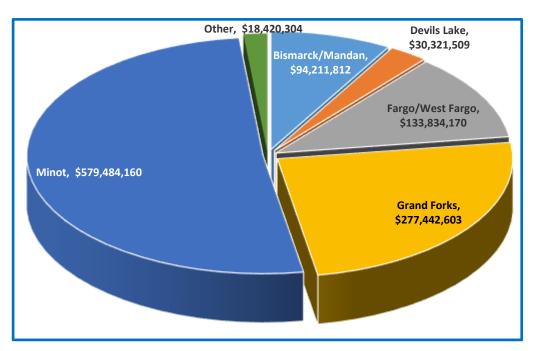
	National Guard	Active Duty	Reserves	<u>Total</u>
Bismarck/Mandan	\$ 91,479,469	\$ 1,178,253	\$ 1,554,091	\$ 94,211,813
Devils Lake	30,321,509	Ψ 1,170,200	Ψ 1,001,001	30,321,509
Dickinson	1,583,067			1,583,067
Edgeley	1,209,174			1,209,174
Fargo/West Fargo	129,724,259	1,247,683	2,862,228	133,834,170
Grand Forks	9,832,862	267,482,175	711,395	278,026,432
Jamestown	2,892,663			2,892,663
Lisbon	792,846			792,846
Minot	20,413,922	557,980,332	1,089,907	579,484,160
Valley City	4,854,249			4,854,249
Wahpeton	3,397,180		1,621,380	5,018,560
Williston	778,003			778,003
Wishek	707,914			707,914
Total	\$ 297,987,117	\$ 827,888,442	\$ 7,839,001	\$ 1,133,714,559



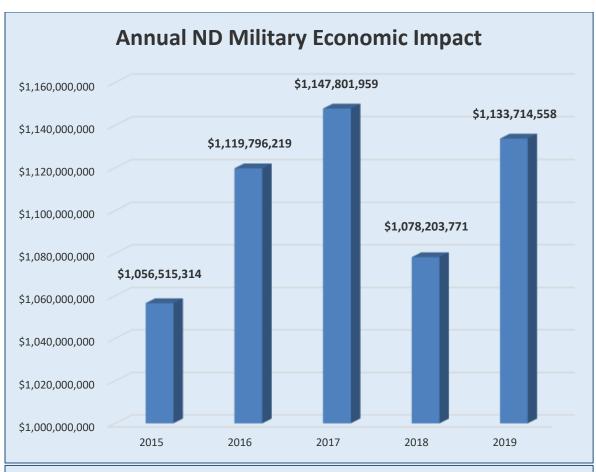


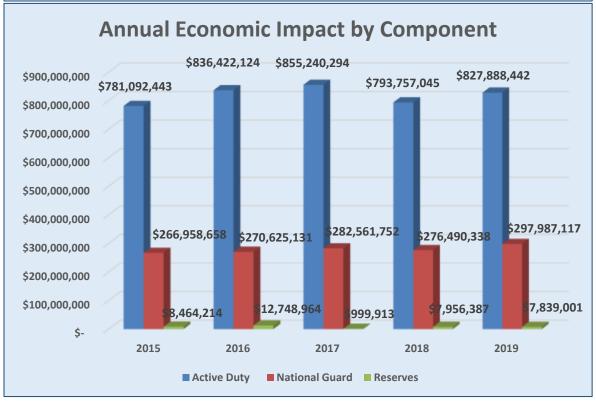
Total Economic Impact \$1,133,714,560

FY19 Economic Impact by Location



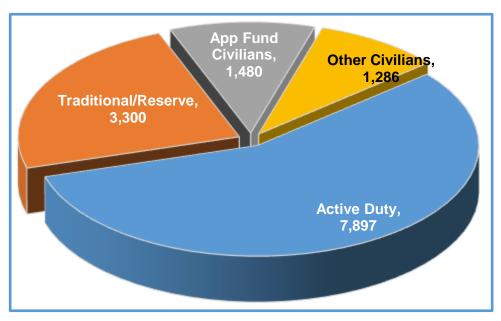
Total Economic Impact \$1,133,714,560





Total Economic Impact for five years \$5,536,031,821





Total Direct Jobs 13,963

FY19 ND Direct Military Jobs by Location

