

Economic Impacts and Implications of Foreign-Born Labor Reductions in Agriculture – Emphasis on Dairy Farms

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Giving consideration to the bills and laws being discussed in Congress during the last few years regarding immigration reform, the need has arisen to study the effects of immigrant labor on the dairy industry. The objective of this study is to consider the economic impacts of reducing the availability of immigrant workers in the United States.

This analysis utilizes the IMPLAN model, developed and maintained by the Minnesota IMPLAN Group, for analyzing the effects of 20 percent, 50 percent and 100 percent reductions in immigrant labor within the dairy industry. IMPLAN maps the economy using an input/output structure that “describes commodity flows from producers to intermediate and final consumers”. The employment and production data used as inputs into the model were gathered using a national survey of 5,005 dairy farms with respondents from 47 states and a response rate of 41.4 percent. Approximately 50 percent of the 5,005 dairy farms surveyed use immigrant labor.

Results of the analysis estimate baseline nationwide economic activity, employment, and total value added impacts attributable to dairy farming to be \$48.1 billion, 301,300 jobs, and \$19.6 billion, respectively. With a 20 percent reduction in immigrant labor, the values fall to \$43.6 billion, 274,800 jobs, and \$17.8 billion. Under a 50 percent reduction in immigrant labor the values are \$36.9 billion, 235,000 jobs, and \$15.1 billion. Under a 100 percent reduction in immigrant labor scenario, the values fall to an estimated \$25.7 billion, 168,700 jobs, and \$10.5 billion. These reported figures include the impacts directly linked to the dairy industry as well as those to the rest of the

economy. This analysis reports both intra- and inter-industry impacts but gives special attention to the inter-industry impacts within the economy.

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Background

The dairy industry, like most of production agriculture, employs a large quantity of immigrant labor. Results from a survey of 5005 dairy farms with results from 47 states show that 50% of the dairy farms employ immigrant labor (Rosson). The results also indicate that 62% of the nation's milk supply comes from farms utilizing immigrant labor (Rosson). With the recent ideas of immigration reform being discussed in Congress, the need for a potential impact analysis of immigration reform was desired and performed.

Objectives

The primary objective of the study was to quantify the potential impact of immigration reform on the dairy industry as well as other industries within the US economy. The objective of the author of this paper was to take the data provided and utilize Implan (Minnesota Implan Group) to quantify the impacts under 4 scenarios.

Methodology

The 4 scenarios were to measure the impacts of a 100 percent reduction in immigrant labor, a 50 percent reduction in immigrant labor, a 20 percent reduction in immigrant labor, as well as a baseline level or a zero percent reduction in immigrant labor. Using analysis-by-parts in Implan, the author of this paper was able to quantify the impacts.

Results

The results of the impact analysis are detailed in the charts below. The first table is a table showing the total impact on the US economy the dairy industry has under the

corresponding scenarios. The second table shows the total losses in the US economy brought on by a reduction in immigrant labor. The following tables show the top 25 industries affected in each of the scenarios, for output, employment and value added.

Reference

Rosson, Parr and Flynn Adcock, Dwi Susanto and David Anderson. "The Economic Impacts of Immigration on US Dairy Farms." June 2009. National Milk Producers Federation. January 2009
<<http://www.nmpf.org/files/file/NMPF%20Immigration%20Survey%20Web.pdf>>.

Tables 1 & 2

US Total Impacts

Region	Reduction of Foreign Labor	Output Impact				Employment Impact				Total Value Added Impact			
		Direct*	Indirect*	Induced*	Total*	Direct	Indirect	Induced	Total	Direct*	Indirect*	Induced*	Total*
US	0%	\$28,690	\$12,498	\$6,907	\$48,095	138,124	105,775	57,474	301,374	\$8,921	\$6,685	\$4,041	\$19,647
	20%	\$26,023	\$11,307	\$6,292	\$43,622	126,695	95,689	52,457	274,841	\$8,092	\$6,046	\$3,681	\$17,820
	50%	\$22,022	\$9,521	\$5,369	\$36,912	109,551	80,560	44,931	235,042	\$6,848	\$5,089	\$3,142	\$15,079
	100%	\$15,354	\$6,544	\$3,831	\$25,729	80,978	55,345	32,388	168,711	\$4,774	\$3,494	\$2,243	\$10,511

* These columns are in millions (US).

US Total Losses

Region	Reduction of Foreign Labor	Output Impact				Employment Impact				Total Value Added Impact			
		Direct*	Indirect*	Induced*	Total*	Direct	Indirect	Induced	Total	Direct*	Indirect*	Induced*	Total*
US	0%	\$0	\$0	\$0	\$0	0	0	0	0	\$0	\$0	\$0	\$0
	20%	-\$2,667	-\$1,191	-\$615	-\$4,473	-11,429	-10,086	-5,017	-26,533	-\$829	-\$638	-\$360	-\$1,827
	50%	-\$6,668	-\$2,977	-\$1,538	-\$11,183	-28,573	-25,215	-12,543	-66,332	-\$2,073	-\$1,595	-\$899	-\$4,568
	100%	-\$13,336	-\$5,953	-\$3,076	-\$22,365	-57,146	-50,431	-25,086	-132,663	-\$4,147	-\$3,191	-\$1,798	-\$9,135

* These columns are in millions (US).

Table 3

	Industry	Output (100% Reduction)			Total
		Direct	Indirect	Induced	
1	Wholesale trade	0	-1,024,088,334	-175,036,512	-1,199,124,845
2	All other crop farming	0	-1,124,582,955	-1,695,930	-1,126,278,885
3	Grain farming	0	-483,181,393	-360,874	-483,542,268
4	Real estate	0	-289,108,085	-141,710,416	-430,818,501
5	Agriculture and forestry support activities	0	-383,126,087	-1,015,880	-384,141,967
6	Owner-occupied dwellings	0	0	-352,938,826	-352,938,826
7	Petroleum refineries	0	-253,138,910	-69,932,273	-323,071,183
8	Truck transportation	0	-256,083,473	-30,928,050	-287,011,523
9	Scenic and sightseeing transportation and support	0	-152,765,596	-5,564,395	-158,329,991
10	Power generation and supply	0	-110,493,900	-43,783,563	-154,277,463
11	Monetary authorities and depository credit interme	0	-75,654,285	-77,922,758	-153,577,043
12	Offices of physicians- dentists- and other health	0	0	-153,071,363	-153,071,363
13	Food services and drinking places	0	-10,236,306	-135,006,014	-145,242,320
14	Other animal food manufacturing	0	-142,657,229	-388,598	-143,045,827
15	Hospitals	0	0	-133,198,684	-133,198,684
16	Insurance carriers	0	-41,503,689	-78,026,626	-119,530,315
17	Telecommunications	0	-68,648,033	-44,316,303	-112,964,337
18	Oil and gas extraction	0	-82,606,397	-25,625,922	-108,232,319
19	Nondepository credit intermediation and related a	0	-65,704,907	-31,491,042	-97,195,949
20	Other State and local government enterprises	0	-61,362,585	-35,818,194	-97,180,779
21	Maintenance and repair of nonresidential buildings	0	-84,019,419	-11,746,827	-95,766,246
22	Management of companies and enterprises	0	-43,743,740	-33,806,446	-77,550,186
23	Pharmaceutical and medicine manufacturing	0	-38,716,968	-36,199,606	-74,916,574
24	Motor vehicle and parts dealers	0	-9,747,703	-63,378,912	-73,126,615
25	State and local government electric utilities	0	-52,348,139	-17,399,791	-69,747,931
	Total	0	-5,960,358,170	-3,080,695,045	-9,041,053,215

Table 4

Industry	Employment (100% Reduction)			
	Direct	Indirect	Induced	Total
1 Agriculture and forestry support activities	0.0	-12,454.0	-33.6	-12,487.6
2 Grain farming	0.0	-8,460.7	-6.2	-8,466.9
3 All other crop farming	0.0	-7,223.8	-11.2	-7,234.9
4 Wholesale trade	0.0	-5,656.3	-969.0	-6,625.4
5 Food services and drinking places	0.0	-198.2	-2,627.5	-2,825.7
6 Real estate	0.0	-1,679.5	-827.8	-2,507.3
7 Truck transportation	0.0	-1,990.7	-241.2	-2,232.0
8 Scenic and sightseeing transportation and support	0.0	-1,385.3	-51.0	-1,436.3
9 Offices of physicians- dentists- and other health	0.0	0.0	-1,356.6	-1,356.6
10 Hospitals	0.0	0.0	-1,112.6	-1,112.6
11 Employment services	0.0	-561.1	-487.5	-1,048.7
12 General merchandise stores	0.0	-52.8	-794.1	-846.9
13 Food and beverage stores	0.0	-51.0	-769.4	-820.4
14 Civic- social- professional and similar organizati	0.0	-390.9	-383.9	-774.8
15 Nursing and residential care facilities	0.0	0.0	-753.6	-753.6
16 Private households	0.0	0.0	-734.3	-734.3
17 Maintenance and repair of nonresidential buildings	0.0	-639.3	-90.1	-729.4
18 Social assistance- except child day care services	0.0	0.0	-706.5	-706.5
19 Motor vehicle and parts dealers	0.0	-86.7	-568.4	-655.0
20 Building material and garden supply stores	0.0	-237.2	-375.3	-612.5
21 Monetary authorities and depository credit interme	0.0	-294.1	-306.5	-600.6
22 Services to buildings and dwellings	0.0	-305.0	-283.8	-588.8
23 Miscellaneous store retailers	0.0	-108.8	-425.7	-534.5
24 Nonstore retailers	0.0	-77.1	-456.7	-533.8
25 Nondepository credit intermediation and related a	0.0	-359.6	-173.5	-533.1
Total	0	-50,467	-25,112	-75,579

Table 5

	Industry	Value Added (100% Reduction)			Total
		Direct	Indirect	Induced	
1	Wholesale trade	0	-690,519,453	-118,021,988	-808,541,441
2	All other crop farming	0	-570,003,652	-859,264	-570,862,916
3	Owner-occupied dwellings	0	0	-315,143,358	-315,143,358
4	Real estate	0	-202,892,707	-99,450,728	-302,343,435
5	Agriculture and forestry support activities	0	-275,967,656	-728,009	-276,695,665
6	Grain farming	0	-232,205,953	-173,344	-232,379,296
7	Truck transportation	0	-118,526,151	-14,280,196	-132,806,347
8	Scenic and sightseeing transportation and support	0	-121,346,360	-4,419,968	-125,766,328
9	Power generation and supply	0	-89,819,631	-35,591,318	-125,410,949
10	Monetary authorities and depository credit interme	0	-54,093,371	-55,715,346	-109,808,717
11	Offices of physicians- dentists- and other health	0	0	-109,077,027	-109,077,027
12	Hospitals	0	0	-73,714,062	-73,714,062
13	Food services and drinking places	0	-4,968,617	-65,296,826	-70,265,443
14	Oil and gas extraction	0	-50,598,685	-15,722,140	-66,320,825
15	Nondepository credit intermediation and related a	0	-42,527,825	-20,356,884	-62,884,709
16	Telecommunications	0	-34,679,473	-22,348,172	-57,027,645
17	Insurance carriers	0	-17,281,150	-32,554,438	-49,835,588
18	Motor vehicle and parts dealers	0	-6,467,745	-42,007,474	-48,475,219
19	Management of companies and enterprises	0	-26,189,058	-20,243,911	-46,432,969
20	Legal services	0	-18,338,083	-25,829,471	-44,167,555
21	Maintenance and repair of nonresidential buildings	0	-36,892,456	-5,112,854	-42,005,310
22	Other State and local government enterprises	0	-26,079,449	-15,153,469	-41,232,918
23	State and local government electric utilities	0	-28,198,028	-9,333,288	-37,531,316
24	Building material and garden supply stores	0	-13,765,535	-21,592,385	-35,357,920
25	Other ambulatory health care services	0	-10,798,447	-23,135,536	-33,933,984
	Total	0	-3,194,818,860	-1,800,640,636	-4,995,459,496

Table 6

Industry	Output (50% Reduction)			Total
	Direct	Indirect	Induced	
1 Wholesale trade	0	-512,044,167	-87,518,256	-599,562,423
2 All other crop farming	0	-562,291,477	-847,965	-563,139,442
3 Grain farming	0	-241,590,697	-180,437	-241,771,134
4 Real estate	0	-144,554,042	-70,855,208	-215,409,250
5 Agriculture and forestry support activities	0	-191,563,044	-507,940	-192,070,984
6 Owner-occupied dwellings	0	0	-176,469,413	-176,469,413
7 Petroleum refineries	0	-126,569,455	-34,966,137	-161,535,592
8 Truck transportation	0	-128,041,737	-15,464,025	-143,505,761
9 Scenic and sightseeing transportation and support	0	-76,382,798	-2,782,198	-79,164,996
10 Power generation and supply	0	-55,246,950	-21,891,782	-77,138,731
11 Monetary authorities and depository credit interme	0	-37,827,142	-38,961,379	-76,788,522
12 Offices of physicians- dentists- and other health	0	0	-76,535,681	-76,535,681
13 Food services and drinking places	0	-5,118,153	-67,503,007	-72,621,160
14 Other animal food manufacturing	0	-71,328,615	-194,299	-71,522,913
15 Hospitals	0	0	-66,599,342	-66,599,342
16 Insurance carriers	0	-20,751,845	-39,013,313	-59,765,157
17 Telecommunications	0	-34,324,017	-22,158,152	-56,482,168
18 Oil and gas extraction	0	-41,303,198	-12,812,961	-54,116,160
19 Nondepository credit intermediation and related a	0	-32,852,453	-15,745,521	-48,597,974
20 Other State and local government enterprises	0	-30,681,293	-17,909,097	-48,590,390
21 Maintenance and repair of nonresidential buildings	0	-42,009,710	-5,873,413	-47,883,123
22 Management of companies and enterprises	0	-21,871,870	-16,903,223	-38,775,093
23 Pharmaceutical and medicine manufacturing	0	-19,358,484	-18,099,803	-37,458,287
24 Motor vehicle and parts dealers	0	-4,873,851	-31,689,456	-36,563,307
25 State and local government electric utilities	0	-26,174,070	-8,699,896	-34,873,965
Total	0	-2,980,179,085	-1,540,347,522	-4,520,526,607

Table 7

Industry	Employment (50% Reduction)			Total
	Direct	Indirect	Induced	
1 Agriculture and forestry support activities	0.0	-6,227.0	-16.8	-6,243.8
2 Grain farming	0.0	-4,230.4	-3.1	-4,233.5
3 All other crop farming	0.0	-3,611.9	-5.6	-3,617.5
4 Wholesale trade	0.0	-2,828.2	-484.5	-3,312.7
5 Food services and drinking places	0.0	-99.1	-1,313.7	-1,412.9
6 Real estate	0.0	-839.7	-413.9	-1,253.6
7 Truck transportation	0.0	-995.4	-120.6	-1,116.0
8 Scenic and sightseeing transportation and support	0.0	-692.7	-25.5	-718.1
9 Offices of physicians- dentists- and other health	0.0	0.0	-678.3	-678.3
10 Hospitals	0.0	0.0	-556.3	-556.3
11 Employment services	0.0	-280.6	-243.8	-524.3
12 General merchandise stores	0.0	-26.4	-397.1	-423.5
13 Food and beverage stores	0.0	-25.5	-384.7	-410.2
14 Civic- social- professional and similar organizati	0.0	-195.4	-191.9	-387.4
15 Nursing and residential care facilities	0.0	0.0	-376.8	-376.8
16 Private households	0.0	0.0	-367.1	-367.1
17 Maintenance and repair of nonresidential buildings	0.0	-319.7	-45.0	-364.7
18 Social assistance- except child day care services	0.0	0.0	-353.2	-353.2
19 Motor vehicle and parts dealers	0.0	-43.3	-284.2	-327.5
20 Building material and garden supply stores	0.0	-118.6	-187.7	-306.2
21 Monetary authorities and depository credit interme	0.0	-147.0	-153.3	-300.3
22 Services to buildings and dwellings	0.0	-152.5	-141.9	-294.4
23 Miscellaneous store retailers	0.0	-54.4	-212.8	-267.2
24 Nonstore retailers	0.0	-38.5	-228.4	-266.9
25 Nondepository credit intermediation and related a	0.0	-179.8	-86.8	-266.6
Total	0	-25,233.4	-12,556.0	-37,789.3

Table 8

	Industry	Value Added (50% Reduction)			Total
		Direct	Indirect	Induced	
1	Wholesale trade	0	-345,259,726	-59,010,994	-404,270,720
2	All other crop farming	0	-285,001,826	-429,632	-285,431,458
3	Owner-occupied dwellings	0	0	-157,571,679	-157,571,679
4	Real estate	0	-101,446,353	-49,725,364	-151,171,717
5	Agriculture and forestry support activities	0	-137,983,828	-364,005	-138,347,833
6	Grain farming	0	-116,102,976	-86,672	-116,189,648
7	Truck transportation	0	-59,263,075	-7,140,098	-66,403,173
8	Scenic and sightseeing transportation and support	0	-60,673,180	-2,209,984	-62,883,164
9	Power generation and supply	0	-44,909,816	-17,795,659	-62,705,475
10	Monetary authorities and depository credit interme	0	-27,046,685	-27,857,673	-54,904,358
11	Offices of physicians- dentists- and other health	0	0	-54,538,513	-54,538,513
12	Hospitals	0	0	-36,857,031	-36,857,031
13	Food services and drinking places	0	-2,484,309	-32,648,413	-35,132,722
14	Oil and gas extraction	0	-25,299,342	-7,861,070	-33,160,412
15	Nondepository credit intermediation and related a	0	-21,263,912	-10,178,442	-31,442,354
16	Telecommunications	0	-17,339,737	-11,174,086	-28,513,822
17	Insurance carriers	0	-8,640,575	-16,277,219	-24,917,794
18	Motor vehicle and parts dealers	0	-3,233,872	-21,003,737	-24,237,609
19	Management of companies and enterprises	0	-13,094,529	-10,121,956	-23,216,485
20	Legal services	0	-9,169,042	-12,914,736	-22,083,777
21	Maintenance and repair of nonresidential buildings	0	-18,446,228	-2,556,427	-21,002,655
22	Other State and local government enterprises	0	-13,039,724	-7,576,734	-20,616,459
23	State and local government electric utilities	0	-14,099,014	-4,666,644	-18,765,658
24	Building material and garden supply stores	0	-6,882,767	-10,796,193	-17,678,960
25	Other ambulatory health care services	0	-5,399,224	-11,567,768	-16,966,992
	Total	0	-1,597,409,430	-900,320,318	-2,497,729,748

Table 9

Industry	Output (20% Reduction)			Total
	Direct	Indirect	Induced	
1 Wholesale trade	0	-204,817,667	-35,007,302	-239,824,969
2 All other crop farming	0	-224,916,591	-339,186	-225,255,777
3 Grain farming	0	-96,636,279	-72,175	-96,708,454
4 Real estate	0	-57,821,617	-28,342,083	-86,163,700
5 Agriculture and forestry support activities	0	-76,625,217	-203,176	-76,828,393
6 Owner-occupied dwellings	0	0	-70,587,765	-70,587,765
7 Petroleum refineries	0	-50,627,782	-13,986,455	-64,614,237
8 Truck transportation	0	-51,216,695	-6,185,610	-57,402,305
9 Scenic and sightseeing transportation and support	0	-30,553,119	-1,112,879	-31,665,998
10 Power generation and supply	0	-22,098,780	-8,756,713	-30,855,493
11 Monetary authorities and depository credit interme	0	-15,130,857	-15,584,552	-30,715,409
12 Offices of physicians- dentists- and other health	0	0	-30,614,273	-30,614,273
13 Food services and drinking places	0	-2,047,261	-27,001,203	-29,048,464
14 Other animal food manufacturing	0	-28,531,446	-77,720	-28,609,165
15 Hospitals	0	0	-26,639,737	-26,639,737
16 Insurance carriers	0	-8,300,738	-15,605,325	-23,906,063
17 Telecommunications	0	-13,729,607	-8,863,261	-22,592,867
18 Oil and gas extraction	0	-16,521,279	-5,125,184	-21,646,464
19 Nondepository credit intermediation and related a	0	-13,140,981	-6,298,208	-19,439,190
20 Other State and local government enterprises	0	-12,272,517	-7,163,639	-19,436,156
21 Maintenance and repair of nonresidential buildings	0	-16,803,884	-2,349,365	-19,153,249
22 Management of companies and enterprises	0	-8,748,748	-6,761,289	-15,510,037
23 Pharmaceutical and medicine manufacturing	0	-7,743,394	-7,239,921	-14,983,315
24 Motor vehicle and parts dealers	0	-1,949,541	-12,675,782	-14,625,323
25 State and local government electric utilities	0	-10,469,628	-3,479,958	-13,949,586
Total	0	-1,192,071,634	-616,139,009	-1,808,210,643

Table 10

Industry	Employment (20% Reduction)			Total
	Direct	Indirect	Induced	
1 Agriculture and forestry support activities	0.0	-2,490.8	-6.7	-2,497.5
2 Grain farming	0.0	-1,692.1	-1.2	-1,693.4
3 All other crop farming	0.0	-1,444.8	-2.2	-1,447.0
4 Wholesale trade	0.0	-1,131.3	-193.8	-1,325.1
5 Food services and drinking places	0.0	-39.6	-525.5	-565.1
6 Real estate	0.0	-335.9	-165.6	-501.5
7 Truck transportation	0.0	-398.1	-48.2	-446.4
8 Scenic and sightseeing transportation and support	0.0	-277.1	-10.2	-287.3
9 Offices of physicians- dentists- and other health	0.0	0.0	-271.3	-271.3
10 Hospitals	0.0	0.0	-222.5	-222.5
11 Employment services	0.0	-112.2	-97.5	-209.7
12 General merchandise stores	0.0	-10.6	-158.8	-169.4
13 Food and beverage stores	0.0	-10.2	-153.9	-164.1
14 Civic- social- professional and similar organizati	0.0	-78.2	-76.8	-155.0
15 Nursing and residential care facilities	0.0	0.0	-150.7	-150.7
16 Private households	0.0	0.0	-146.9	-146.9
17 Maintenance and repair of nonresidential buildings	0.0	-127.9	-18.0	-145.9
18 Social assistance- except child day care services	0.0	0.0	-141.3	-141.3
19 Motor vehicle and parts dealers	0.0	-17.3	-113.7	-131.0
20 Building material and garden supply stores	0.0	-47.4	-75.1	-122.5
21 Monetary authorities and depository credit interme	0.0	-58.8	-61.3	-120.1
22 Services to buildings and dwellings	0.0	-61.0	-56.8	-117.8
23 Miscellaneous store retailers	0.0	-21.8	-85.1	-106.9
24 Nonstore retailers	0.0	-15.4	-91.3	-106.8
25 Nondepository credit intermediation and related a	0.0	-71.9	-34.7	-106.6
Total	0	-10,093.3	-5,022.4	-15,115.7

Table 11

Industry	Value Added (20% Reduction)			Total
	Direct	Indirect	Induced	
1 Wholesale trade	0	-138,103,891	-23,604,398	-161,708,288
2 All other crop farming	0	-114,000,730	-171,853	-114,172,583
3 Owner-occupied dwellings	0	0	-63,028,672	-63,028,672
4 Real estate	0	-40,578,541	-19,890,146	-60,468,687
5 Agriculture and forestry support activities	0	-55,193,531	-145,602	-55,339,133
6 Grain farming	0	-46,441,191	-34,669	-46,475,859
7 Truck transportation	0	-23,705,230	-2,856,039	-26,561,269
8 Scenic and sightseeing transportation and support	0	-24,269,272	-883,994	-25,153,266
9 Power generation and supply	0	-17,963,926	-7,118,264	-25,082,190
10 Monetary authorities and depository credit interme	0	-10,818,674	-11,143,069	-21,961,743
11 Offices of physicians- dentists- and other health	0	0	-21,815,405	-21,815,405
12 Hospitals	0	0	-14,742,812	-14,742,812
13 Food services and drinking places	0	-993,723	-13,059,365	-14,053,089
14 Oil and gas extraction	0	-10,119,737	-3,144,428	-13,264,165
15 Nondepository credit intermediation and related a	0	-8,505,565	-4,071,377	-12,576,942
16 Telecommunications	0	-6,935,895	-4,469,634	-11,405,529
17 Insurance carriers	0	-3,456,230	-6,510,888	-9,967,118
18 Motor vehicle and parts dealers	0	-1,293,549	-8,401,495	-9,695,044
19 Management of companies and enterprises	0	-5,237,812	-4,048,782	-9,286,594
20 Legal services	0	-3,667,617	-5,165,894	-8,833,511
21 Maintenance and repair of nonresidential buildings	0	-7,378,491	-1,022,571	-8,401,062
22 Other State and local government enterprises	0	-5,215,890	-3,030,694	-8,246,584
23 State and local government electric utilities	0	-5,639,606	-1,866,658	-7,506,263
24 Building material and garden supply stores	0	-2,753,107	-4,318,477	-7,071,584
25 Other ambulatory health care services	0	-2,159,689	-4,627,107	-6,786,797
Total	0	-638,963,772	-360,128,127	-999,091,899