

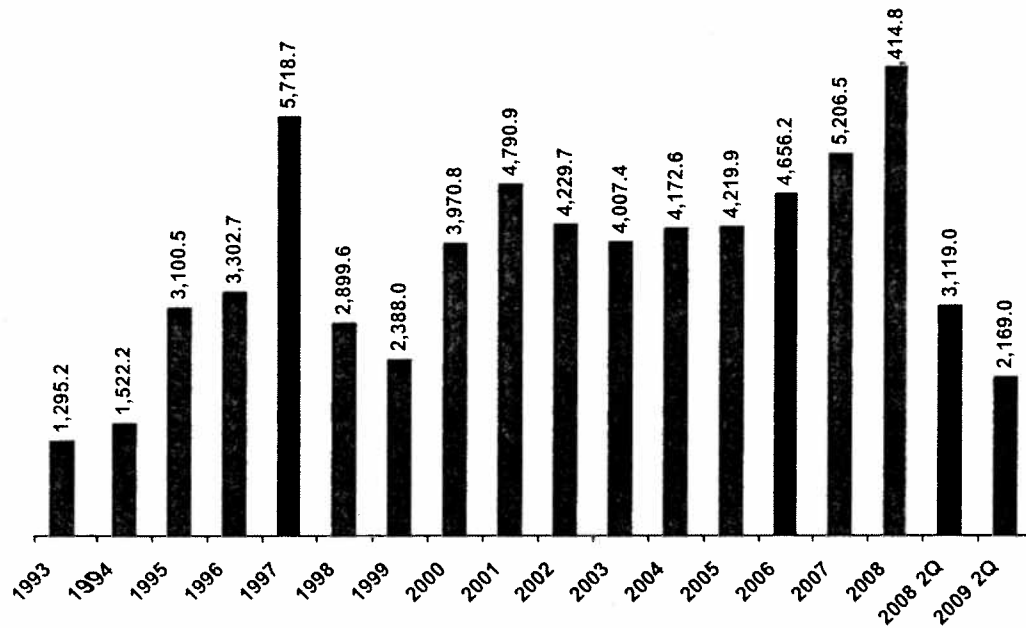


# NAFTA Works

## for Michigan-Mexico Trade 2Q 2009

### Michigan's Exports to Mexico

1993-2Q 2009  
(Millions of US Dollars)



### Highlights

In 2008, Michigan's exports to Mexico reached \$6,414.8 million, an increase of \$5,119.6 million from their level in 1993.

In the first half of 2009, Michigan exported \$2,169.0 million worth of products to Mexico, a decrease of -30.5% in comparison with the same period last year.

Michigan's exports to Mexico have grown at an annual average rate of 11.3% in the 15 years of NAFTA. In 2008, the exports to Mexico increased by 23.2% with respect to the previous year.

Since NAFTA, Michigan's exports to Mexico have increased by 395.3%, while those to the rest of the world rose 78.5%. This means that the export growth rate to Mexico is 5.04 times higher than its export growth rate for the rest of the world.

Among all US states, Michigan is ranked 4th as an exporter of goods to Mexico in the first semester of 2009.

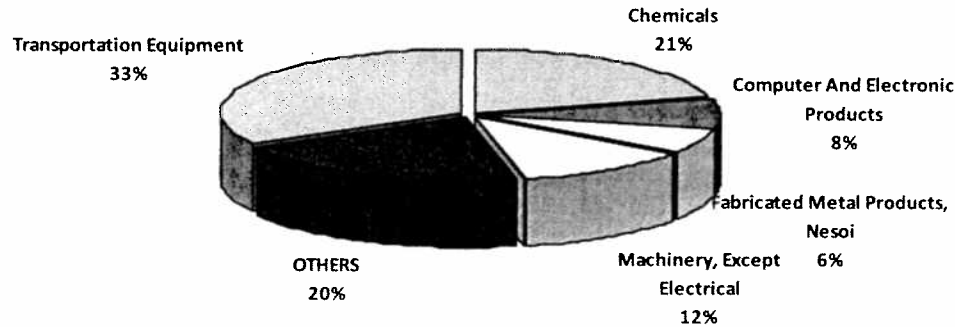
Mexico is an important trade partner to Michigan. Among all countries, Mexico is ranked as the 2nd largest market for goods from Michigan in the first six months of 2009, illustrating the impact of NAFTA for Michigan's growing businesses. Mexico accounted for 15.3% of Michigan's exports worldwide in the January-June period of 2009.

In 2008, there were an estimated 17,563 jobs in Michigan that were directly related to its exports of manufactured goods to Mexico.

# Michigan

## Composition of Exports to Mexico by Industry

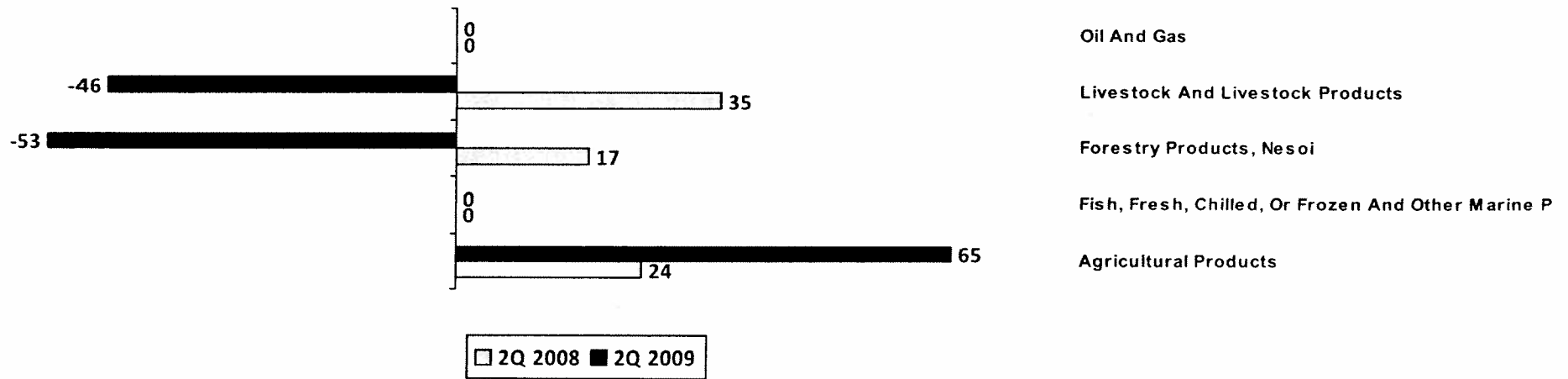
Percentage 2Q 2009, NAICS



Fabricated Metal Products, Nesoi	128,649
Computer And Electronic Products	173,394
Machinery, Except Electrical	262,563
OTHERS	431,968
Chemicals	449,832
Transportation Equipment	722,390
<b>Total</b>	<b>2,168,796</b>

## Most Dynamic Exports to Mexico by Industry

Annual Growth Rate, NAICS



# Exports to Mexico by Industry

**Michigan**

Sorted by 2Q 2009, total value in US dollars (NAICS)

Rank	NAICS	Description	2007	2008	2Q 2008	2Q 2009	Annual %07-08	2Q %08-09
		<b>Total</b>	<b>5,206,473</b>	<b>6,414,843</b>	<b>3,118,860</b>	<b>2,168,797</b>		
1	336	Transportation Equipment	2,263,841	2,712,831	1,359,842	722,390	19.8	-46.9
2	325	Chemicals	740,202	1,057,359	534,090	449,832	42.9	-15.8
3	333	Machinery, Except Electrical	494,787	621,748	220,221	262,563	25.7	19.2
4	334	Computer And Electronic Products	187,384	208,786	98,190	173,394	11.4	76.6
5	332	Fabricated Metal Products, Nesoi	320,379	405,972	208,394	128,649	26.7	-38.3
6	335	Electrical Equipment, Appliances, And Component	307,246	396,620	192,244	111,197	29.1	-42.2
7	326	Plastics And Rubber Products	234,627	257,689	127,475	107,930	9.8	-15.3
8	331	Primary Metal Manufacturing	118,753	215,126	107,982	46,919	81.2	-56.6
9	316	Leather And Allied Products	216,977	145,971	73,522	32,180	-32.7	-56.2
10	111	Agricultural Products	25,395	31,569	15,041	24,878	24.3	65.4
11	313	Textiles And Fabrics	70,419	77,329	40,646	18,360	9.8	-54.8
12	327	Nonmetallic Mineral Products	42,705	38,350	18,723	17,349	-10.2	-7.3
13	337	Furniture And Fixtures	27,000	57,593	26,276	16,188	113.3	-38.4
14	339	Miscellaneous Manufactured Commodities	42,332	38,753	19,637	15,156	-8.5	-22.8
15	322	Paper	37,506	63,363	27,572	12,371	68.9	-55.1

Source: US Census with adjustments made by the World Institute for Strategic Economic Research (Wiser), and SE-NAFTA. 1993-1999 by SIC and 2000-2Q 2009 by NAICS

## Mexico is a large market for products from Michigan

Sorted by 2Q 2009 Exports to Mexico, total value in US dollars (NAICS)

NAICS	Description	2Q 2009 Exports to Mexico	2Q 2009 Exports to the World	Mexico's Share	Rank among state Exports to Mexico	Rank among state Exports to the World
	<b>Total</b>	<b>2,168,797</b>	<b>14,168,601</b>	<b>15.3%</b>		
336	Transportation Equipment	722,390	5,494,376	13.1%	1	1
325	Chemicals	449,832	1,674,890	26.9%	2	2
333	Machinery, Except Electrical	262,563	1,463,701	17.9%	3	3
334	Computer And Electronic Products	173,394	786,162	22.1%	4	6
332	Fabricated Metal Products, Neso	128,649	446,042	28.8%	5	7
335	Electrical Equipment, Appliances, And Component	111,197	300,520	37.0%	6	9
326	Plastics And Rubber Products	107,930	295,257	36.6%	7	10
331	Primary Metal Manufacturing	46,919	877,996	5.3%	8	4
316	Leather And Allied Products	32,180	46,561	69.1%	9	21
111	Agricultural Products	24,878	179,308	13.9%	10	14
313	Textiles And Fabrics	18,360	38,436	47.8%	11	22
327	Nonmetallic Mineral Products	17,349	234,948	7.4%	12	11
337	Furniture And Fixtures	16,188	198,290	8.2%	13	13
339	Miscellaneous Manufactured Commodities	15,156	224,979	6.7%	14	12
322	Paper	12,371	122,885	10.1%	15	16

Source: US Census with adjustments made by the World Institute for Strategic Economic Research (Wiser), and SE-NAFTA. 1993-1999 by SIC and 2000-2Q 2009 by NAICS

# Exports to Mexico by Product

*Michigan*

Sorted by January-July 2009, total value in US dollars (HS)

Rank	HS	Description	2007	2008	Jan-Jul 2008	Jan-Jul 2009	Annual %07-08	Jan-Jul %08-09
<b>Total</b>			<b>5,206,473</b>	<b>6,414,843</b>	<b>3,608,667</b>	<b>2,581,705</b>		
1	870840	Gear Boxes For Motor Vehicles	56,717	81,427	46,867	159,334	43.6	240.0
2	870829	Pts & Access Of Bodies Of Motor Vehicles, Nesoi	1,140,402	1,234,573	764,671	105,713	8.3	-86.2
3	840734	Spark-Ignitn Recrprctng Piston Engine Etc > 1000 Cc	102,420	75,232	28,061	89,541	-26.6	219.1
4	870899	Parts And Accessories Of Motor Vehicles, Nesoi	225,520	238,129	133,101	81,342	5.6	-38.9
5	390120	Polyethylene Having A Spec Gravity Of 0.94 Or More	81,288	137,188	83,340	64,993	68.8	-22.0
6	390190	Polymers Of Ethylene Nesoi, In Primary Forms	102,820	120,379	75,972	63,973	17.1	-15.8
7	390110	Polyethylene Having A Specific Gravity Under 0.94	53,703	123,590	75,690	62,773	130.1	-17.1
8	870431	Mtr Veh Trans Gds Spk Ig In C P Eng, Gvw Nov 5 Mtn	56,379	135,941	53,573	54,096	141.1	1.0
9	854430	Insulated Wiring Sets For Vehicles Ships Aircraft	15,998	26,419	14,584	52,054	65.1	256.9
10	870850	Drive Axles With Differential For Motor Vehicles	21,204	65,052	28,202	50,825	206.8	80.2
11	903289	Auto Regulating Ins & Appr Ex Throstat,Mnstat, Etc	27,867	14,602	11,098	36,624	-47.6	230.0
12	870830	1/Brakes And Servo-Brakes, For Motor Vehicles; Parts Th	94,537	54,212	27,133	33,321	-42.7	22.8
13	820730	Tools For Pressing, Stamping Or Punching, B M Pts	24,253	33,752	16,601	32,718	39.2	97.1
14	848071	Molds For Rbr/Plast, Injection/Compression Type	19,388	52,761	20,286	32,280	172.1	59.1
15	940190	Parts Of Seats (Ex Medical, Barber, Dental Etc)	97,896	166,247	95,965	30,491	69.8	-68.2
16	840999	Spark-Ignition Reciprocating Int Com Pistn Eng Pts	11,293	22,066	7,699	29,773	95.4	286.7
17	390210	Polypropylene, Pr Fms	24,551	34,839	20,915	26,362	41.9	26.1
18	732690	Articles Of Iron Or Steel Nesoi	55,442	60,130	34,825	26,061	8.5	-25.2
19	392690	Articles Of Plastics, Nesoi	78,704	79,036	44,222	26,049	0.4	-41.1
20	401110	New Pneumatic Tires Of Rubber, For Motor Cars	835	620	616	25,938	-25.7	4,111.4
21	847989	Mach & Mechanical Appl W Individual Function Nesoi	98,572	34,231	10,122	25,208	-65.3	149.0
22	870324	Pass Veh Spk-Ig Int Com Rcpr P Eng > 3000 Cc	123,941	166,411	80,614	24,533	34.3	-69.6
23	390720	Polyethers Nesoi, Pr Fms	63,687	70,959	44,181	24,364	11.4	-44.9
24	71339	Beans Nesoi, Dried Shelled, Including Seed	17,935	23,232	12,934	22,766	29.5	76.0
25	852721	Radiobroadcast Receivers For Motor Vehicles W Rcos	47,402	45,453	29,166	22,223	-4.1	-23.8
<b>These 25 products account for</b>			<b>2500.0%</b>	<b>2500.0%</b>	<b>48.8%</b>	<b>46.6%</b>	<b>of the total</b>	

Source: US Census with adjustments made by the World Institute for Strategic Economic Research (Wiser), and SE-NAFTA. 1993-1999 by SIC and 2000-2Q 2009 by NAICS

## Mexico is a large market for products from Michigan

Sorted by January-July 2009 Exports to Mexico, total value in US dollars (HS)

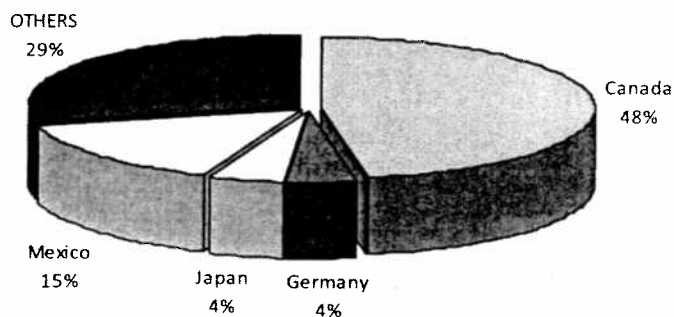
HS	Description	Jan-Jul 2009 Exports to Mexico	Jan-Jul 2009 Exports to the World	Mexico's Share	Rank among state Exports to Mexico	Rank among state Exports to the World
	<b>Total</b>	<b>2,581,705</b>	<b>16,422,528</b>	<b>15.7%</b>		
870840	Gear Boxes For Motor Vehicles	159,334	1,565,391	24.1%	1	5
870829	Pts & Access Of Bodies Of Motor Vehicles, Nesoi	105,713	3,115,115	15.0%	2	4
840734	Spark-Ignitn Recprctng Piston Engine Etc > 1000 Cc	89,541	1,042,934	26.9%	3	9
870899	Parts And Accessories Of Motor Vehicles, Nesoi	81,342	2,001,107	13.2%	4	6
390120	Polyethylene Having A Spec Gravity Of 0.94 Or More	64,993	139,296	98.7%	5	35
390190	Polymers Of Ethylene Nesoi, In Primary Forms	63,973	130,104	94.6%	6	33
390110	Polyethylene Having A Specific Gravity Under 0.94	62,773	130,301	98.1%	7	37
870431	Mtr Veh Trans Gds Spk Ig In C P Eng, Gvw Nov 5 Mt	54,096	1,791,098	6.0%	8	1
854430	Insulated Wiring Sets For Vehicles Ships Aircraft	52,054	126,440	52.6%	9	23
870850	Drive Axles With Differential For Motor Vehicles	50,825	450,337	31.5%	10	14
903289	Auto Regulating Ins & Appr Ex Throstat,Mnstat, Etc	36,624	111,298	44.8%	11	28
870830	1/Brakes And Servo-Brakes, For Motor Vehicles; Part	33,321	219,280	26.6%	12	16
820730	Tools For Pressing, Stamping Or Punching, B M Pts	32,718	160,019	48.0%	13	32
848071	Molds For Rbr/Plast, Injection/Compression Type	32,280	104,137	44.3%	14	31
940190	Parts Of Seats (Ex Medical, Barber, Dental Etc)	30,491	474,253	22.0%	15	15
840999	Spark-Ignition Reciprocating Int Com Pistn Eng Pts	29,773	129,040	45.3%	16	36
390210	Polypropylene, Pr Fms	26,362	75,942	67.0%	17	63
732690	Articles Of Iron Or Steel Nesoi	26,061	112,114	59.4%	18	56
392690	Articles Of Plastics, Nesoi	26,049	178,436	44.1%	19	41
401110	New Pneumatic Tires Of Rubber, For Motor Cars	25,938	9,594	87.4%	20	83
847989	Mach & Mechanical Appl W Individual Function Nesoi	25,208	142,110	37.5%	21	34
870324	Pass Veh Spk-Ig Int Com Rcpr P Eng > 3000 Cc	24,533	4,559,795	3.0%	22	3
390720	Polyethers Nesoi, Pr Fms	24,364	93,066	70.4%	23	73
71339	Beans Nesoi, Dried Shelled, Including Seed	22,766	27,473	96.5%	24	105
852721	Radiobroadcast Receivers For Motor Vehicles W Rco	22,223	65,866	78.0%	25	85

Source: US Census with adjustments made by the World Institute for Strategic Economic Research (Wiser), and SE-NAFTA. 1993-1999 by SIC and 2000-2Q 2009 by NAICS

# Exports by Country

**Michigan**

Sorted by 2Q 2009, total value in US dollars



Germany	576,645,829
Japan	630,776,341
Mexico	2,168,797,340
OTHERS	4,091,381,920
Canada	6,700,999,614
<b>Total</b>	<b>14,168,601,044</b>

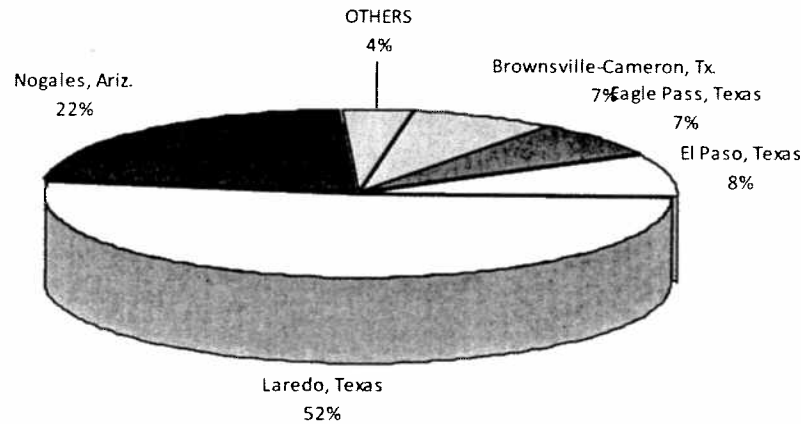
Rank	Share	Description	2007	2008	2Q 2008	2Q 2009	Annual %07-08	2Q %08-09
		<b>Total</b>	<b>44,555,349,131</b>	<b>44,871,354,173</b>	<b>23,115,978,704</b>	<b>14,168,601,044</b>	<b>0.7</b>	<b>-38.7</b>
1	47.3%	Canada	25,817,286,490	23,807,082,324	12,920,875,178	6,700,999,614	-7.8	-48.1
2	15.3%	Mexico	5,206,472,882	6,414,843,475	3,118,860,468	2,168,797,340	23.2	-30.5
3	4.5%	Japan	1,308,170,196	1,437,673,968	671,494,943	630,776,341	9.9	-6.1
4	4.1%	Germany	1,267,285,507	1,562,267,510	722,640,879	576,645,829	23.3	-20.2
5	3.4%	China (Mainland)	1,313,682,893	1,288,073,026	635,480,769	482,591,493	-2.0	-24.1
6	1.9%	Belgium	458,087,210	531,814,087	262,316,684	269,966,238	16.1	2.9
7	1.9%	United Kingdom	742,641,406	693,940,866	391,954,513	265,629,025	-6.6	-32.2
8	1.6%	Saudi Arabia	544,960,232	840,512,351	353,952,686	225,097,700	54.2	-36.4
9	1.6%	Korea, Republic Of	627,162,505	621,751,096	305,294,093	222,460,510	-0.9	-27.1
10	1.5%	Venezuela	693,797,494	563,371,476	214,617,418	215,273,501	-18.8	0.3
11	1.4%	France	678,302,250	627,078,972	363,796,074	200,252,386	-7.6	-45.0
12	1.3%	Netherlands	460,072,838	489,532,749	252,765,580	184,363,204	6.4	-27.1
13	1.2%	Brazil	387,622,460	438,662,456	179,202,392	175,221,893	13.2	-2.2
14	0.8%	Australia	361,078,633	357,524,746	182,965,089	108,275,009	-1.0	-40.8
15	0.7%	United Arab Emirates	291,392,868	388,626,314	161,852,968	98,149,838	33.4	-39.4
These 15 countries account for			90.1%	89.3%	89.7%	88.4%	of the total	

Source: US Census with adjustments made by the World Institute for Strategic Economic Research (Wiser), and SE-NAFTA. 1993-1999 by SIC and 2000-2Q 2009 by NAICS

# Exports to Mexico by Port of Exit

**Michigan**

Sorted by 2Q 2009, Total value in US Dollars



OTHERS	78,945,339
Eagle Pass, Texas	148,913,745
Brownsville-Cameron, Tx.	162,023,914
El Paso, Texas	174,456,312
Nogales, Ariz.	474,265,893
Laredo, Texas	1,130,192,137
<b>Total</b>	<b>2,168,797,340</b>

Rank	Description	2007	2008	2Q 2008	2Q 2009	Annual %07-08	2Q %08-09
	<b>Total</b>	<b>5,206,616,785</b>	<b>6,414,843,475</b>	<b>3,118,860,468</b>	<b>2,168,797,340</b>	<b>23.2</b>	<b>-30.5</b>
1	Laredo, Texas	3,204,639,662	4,017,664,664	1,925,912,559	1,130,192,137	25.4	-41.3
2	Nogales, Ariz.	1,024,066,156	1,128,743,461	613,537,584	474,265,893	10.2	-22.7
3	El Paso, Texas	222,806,893	301,013,932	151,245,356	174,456,312	35.1	15.4
4	Brownsville-Cameron, Tx.	334,770,264	482,016,687	239,631,304	162,023,914	44.0	-32.4
5	Eagle Pass, Texas	207,149,738	262,005,934	74,394,878	148,913,745	26.5	100.2
6	Hidalgo, Texas	51,477,085	43,839,117	23,995,507	22,497,956	-14.8	-6.2
7	New Orleans, La.	16,380,489	40,193,463	21,927,815	10,858,088	145.4	-50.5
8	Cal exico-East, Ca.	34,147,524	28,931,592	15,203,913	9,483,828	-15.3	-37.6
9	Chicago, Illinois	18,526,133	22,804,991	8,762,383	7,189,121	23.1	-18.0
10	Cleveland, Ohio	23,156,783	21,590,846	12,640,884	6,397,408	-6.8	-49.4
<b>These 10 ports account for</b>		<b>98.7%</b>	<b>99.0%</b>	<b>99.0%</b>	<b>99.0%</b>	<b>of the total</b>	