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2019 U.S.

# TRADE NUMBERS

The United States' \$4.21 trillion in trade with the world

U.S. TRADENUMBERS | 2019



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# \$4 trillion, explained

## President's Note

Ken Roberts



In 2018, trade topped a milestone, thanks to records with 19 of our top 20 trade partners and at 15 of our top 20 airports, seaports and border crossings

Four trillion is hard to comprehend. Here is what it looks like: 4,000,000,000,000. Or, in the case of total U.S. trade for 2018, the first time the United States ever topped \$4 trillion in one year, it looks like this: \$4,206,788,844,344

### How much is \$4.21 trillion?

Amazon has made Jeff Bezos the world's wealthiest man but it would take 27 people with that much wealth to equal \$4.21 trillion. And all 27 would have to start from scratch each January. If it's Mark Zuckerbergs, it would take 62 people with the wealth of the Facebook co-founder.

How many people would you have to put in a room for the total neurons in all their brains to top 4.21 trillion? The best estimates would put that number at something like 42, more if I am one of them.

What would 4 trillion grains of sand look like? How many trees would be required, how big a forest, to drop 4 trillion leaves in a single autumn?

Or how about this: How many people

benefitted from the \$4.21 trillion in U.S. trade in 2018?

The easy answer to the last question is "most Americans," some large percentage of the 329 million of us who benefitted directly, by working in some aspect of the industry, or indirectly, by taking advantage of lower prices, more choice and better-quality products.

### Maybe that's what you think.

What about the people in more than 200 countries with which the United States traded in 2018, including the 171 with which we conducted at least \$100 million in total exports and imports?

What about the people who grow fruits and vegetables, raise cattle and farm fish. Who manufacture medicines. Who sew shirts and blouses and socks and T-shirts and dresses and slacks. Who assemble computers and cell phones from components. What about the people who build the components – and the machines that make the components. Who mine the gold, the copper, the coal and the diamonds. The

people who drill for oil. Who assemble cars and trucks and buses and trains and planes.

There's more. These builders, growers, creators and manufacturers trigger a supply chain loaded with trade-finance bankers and intellectual property lawyers, freight forwarders and Customs brokers. A supply chain loaded with warehouse managers, software developers, food-safety inspectors. With pilots and captains, truckers and engineers, and yes, even journalists.

Think about what it unleashes. Today, we have all the world's information at our fingertips, year-round access to fruits and vegetables that were once seasonal.

But it's not just me and you. It gives people in developing nations access to better food, cleaner water, better health care, better education, better lives.

It's a big number, \$4.21 trillion, hard to comprehend because, like air, it's everywhere, in every aspect of our lives, pervasive.

Here, in the following pages, we take a crack at explaining it.

@TradeDataGuy 

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**WORLD CITY** is a multimedia company focused on international trade and specific communities' connections to the global economy. It delivers content with annual TradeNumbers publications, with monthly updates at ustradenumbers.com, through events and in weekly Trade Matters videos.

In addition to this publication, **WORLD CITY** has produced or is producing this year **TRADENUMBERS** products for **THE PORT OF LOS ANGELES, THE LOS ANGELES CUSTOMS DISTRICT, MIAMI INTERNATIONAL AIRPORT, DALLAS-FORT WORTH INTERNATIONAL AIRPORT, THE DALLAS-FORT WORTH CUSTOMS DISTRICT, THE PORT OF JACKSONVILLE, PHILAPORT, PORT LAREDO, THE LAREDO CUSTOMS DISTRICT, EAGLE PASS (TEXAS), THE PORT OF HOUSTON, THE HOUSTON CUSTOMS DISTRICT, THE PORT OF VIRGINIA, THE AMERICAS, NEW YORK CITY, NEW ORLEANS, GEORGIA, PHARR (TEXAS), BOSTON, PORT EVERGLADES, SEATTLE-TACOMA INTERNATIONAL AIRPORT, THE SEATTLE CUSTOMS DISTRICT, PORT HUENEME, THE PORT OF CORPUS CHRISTI, PORTMIAMI, CHINA, SOUTH KOREA, COSTA RICA, MEXICO, PERISHABLES and TECHNOLOGY.**

At **USTRADENUMBERS.COM**, the company updates monthly more than 10 million data points for more than 475 airports, seaports and border crossings; for more than 225 countries; and for more than 1,200 exports and more than 1,200 imports.

Weekly Trade Matters videos can be found on YouTube, LinkedIn, Facebook, Twitter or Instagram.

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## The big picture

- 6 What a year it was, with records galore  
 U.S. trade topped \$4 trillion for the first time in 2018, with record-breaking exports, record-breaking imports and, yes, a record trade deficit. The balance of trade – the percentage of trade that is a U.S. export – declined but only slightly. Over four pages of infographics, the story of the nation’s top airports, seaports and border crossings; top trade partners; exports; and imports.

## Maps, rankings

- 10 U.S. Port Map
- 12 Top Port Totals
- 36 World Trade Map
- 38 Top 100 Partners
- 61 Top 50 U.S. Exports
- 72 Top 50 U.S. Imports

## Top 20 airports, seaports, border crossings

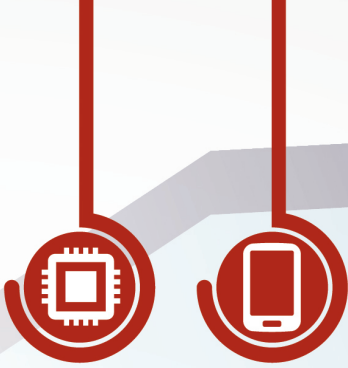
ALPHABETICAL/RANK	PAGE
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## Top 20 trading partners

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Vietnam (17).....	56



## Exports

The Top 10 exports are listed by rank, with their corresponding page number.

RANK	PAGE	RANK	PAGE
Top 50 Exports.....	61		
1. Aircraft, parts.....	62	6. Low-value shipments .....	67
2. Gasoline, other fuels .....	63	7. Computer chips.....	68
3. Motor vehicles.....	64	8. Cell phones, related equipment .....	69
4. Oil .....	65	9. Medical instruments .....	70
5. Motor vehicle parts .....	66	10. Propane, LNG, other petroleum gases .....	71

## Imports

The Top 10 imports are listed by rank, with their corresponding page number.

RANK	PAGE	RANK	PAGE
Top 50 Imports.....	72		
1. Motor vehicles.....	73	6. Medicine, individual dosages .....	78
2. Oil .....	74	7. Motor vehicle parts.....	79
3. Cell phones .....	75	8. Gasoline, other refined petroleum products .....	80
4. Computers .....	76	9. Vaccines, plasma, other blood “fractions” .....	81
5. Returned exports, without change.....	77	10. Computer chips.....	82

### About the Data

There are thousands of numbers and hundreds of percentages in *U.S. TradeNumbers*. The backbone for the statistics is the U.S. Census Bureau’s raw data that WorldCity then compiles, dissects, analyzes and tabulates to create this publication.

### Monthly updates at ustradenumbers

Each month, at [ustradenumbers.com](http://ustradenumbers.com), WorldCity updates more than 10 million pages and page views for every U.S. airport, seaport, border crossings; for more than 225 nations; and for more than 1,200 exports and 1,200 imports. Tens of thousands of pages are at no cost.

In addition, you can watch WorldCity’s weekly Trade Matters episodes on YouTube, featuring WorldCity President Ken Roberts’ commentary.

Follow our tweets at [@tradenumbers](https://twitter.com/tradenumbers) or Ken Roberts at [@TradeDataGuy](https://twitter.com/TradeDataGuy).

Total Trade with the World  
**\$4.21 TRILLION**

Total Exports to Rest of the World

**\$1.66 TRILLION**

Total Imports from Rest of the World

**\$2.54 TRILLION**

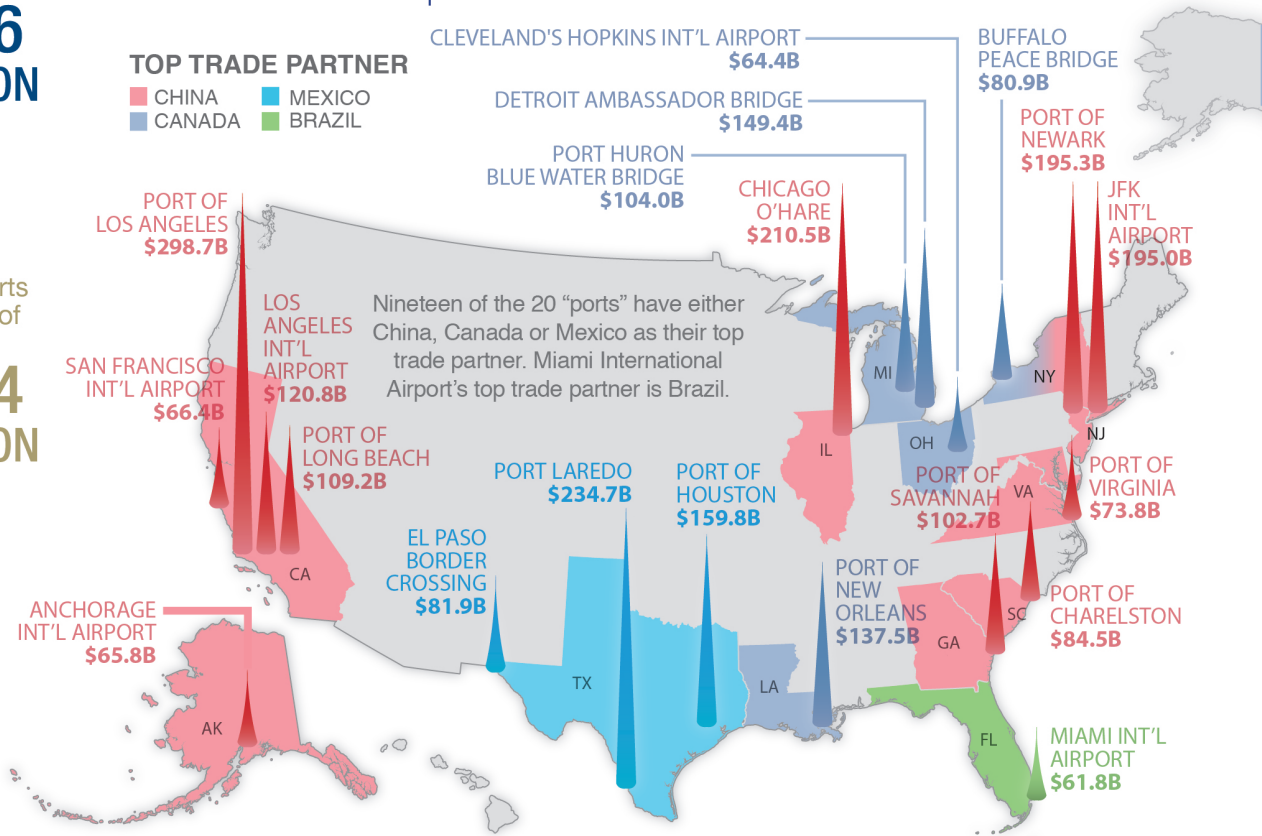
Total Deficit  
**\$878.68 BILLION**

# A CLOSER LOOK TOP U.S. PORTS, TOP COUNTRIES

## 2018 was a year filled with records

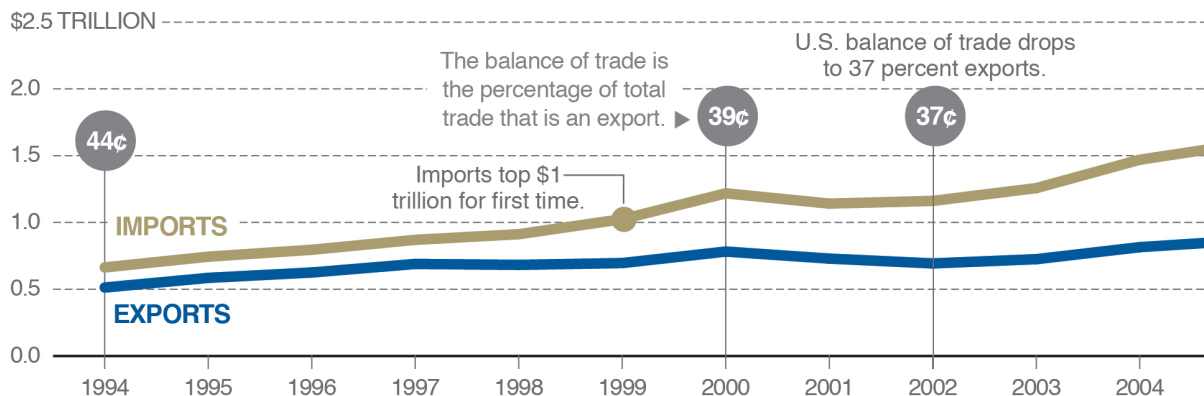
U.S. trade with the world topped \$4 trillion for the first time in 2018, thanks to record exports and record imports. For 15 of the nation's top 20 airports, seaports and border crossings, 2018 was a record-setting year. Similarly, with 19 of the top 20 U.S. trade partners, 2018 was a record-breaking year.

### TOP 20 'PORTS' | 62% OF ALL U.S. TRADE



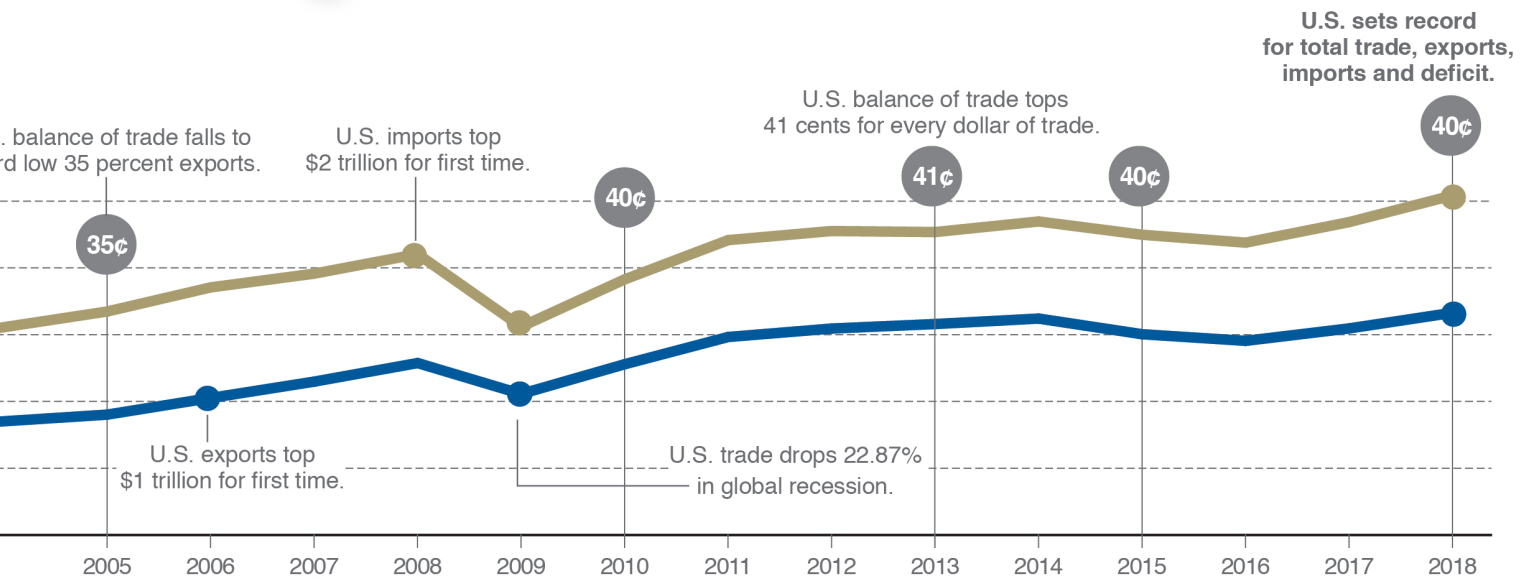
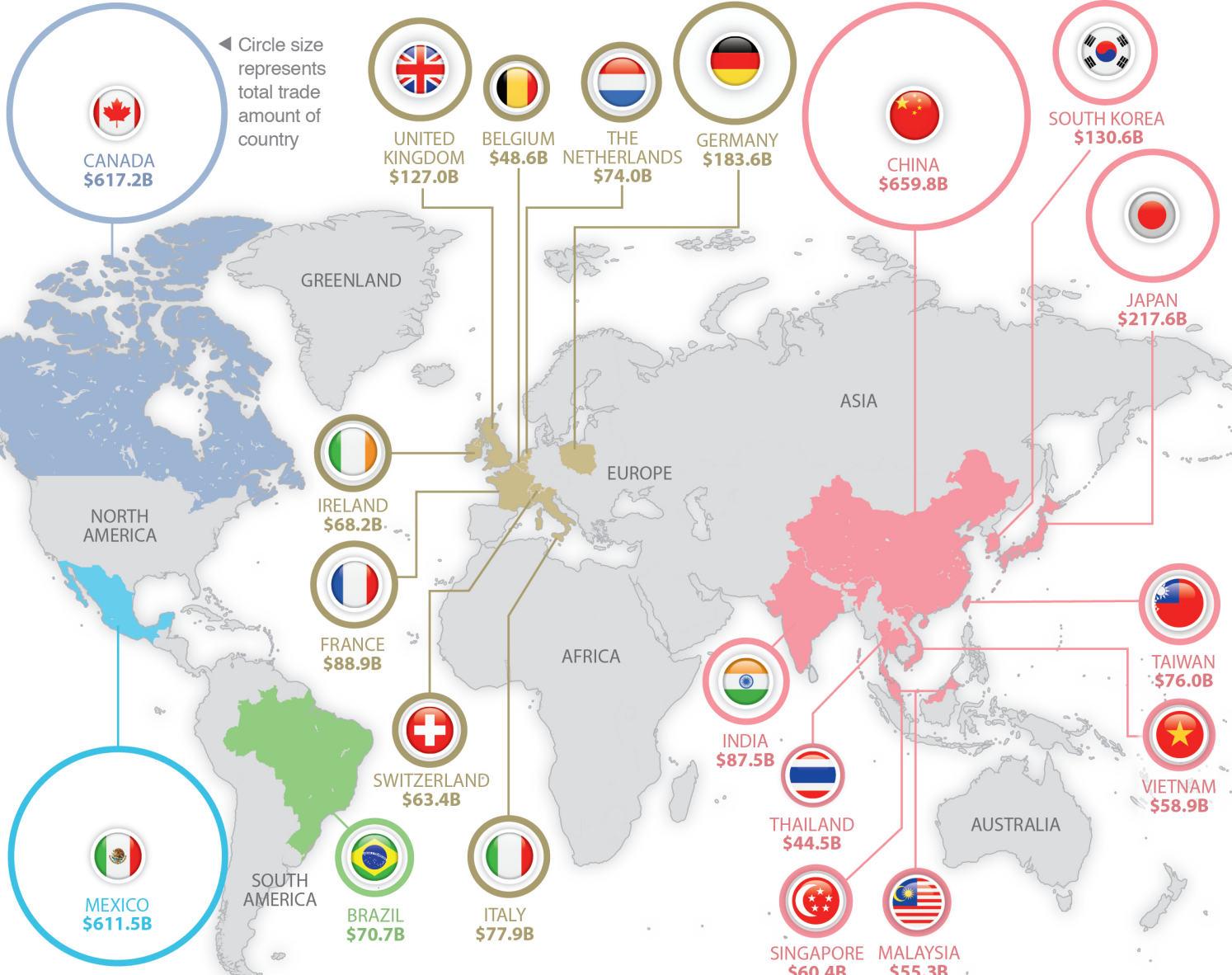
### A quarter century of trade

Since 1994, U.S. trade has grown from \$1.12 trillion to a record \$4.21 trillion. The 2018 record broke the previous record of \$3.97 trillion, set in 2014.



SOURCE: WorldCity analysis of U.S. Census Bureau data

# TOP 20 COUNTRIES | 81.26% OF ALL U.S. TRADE

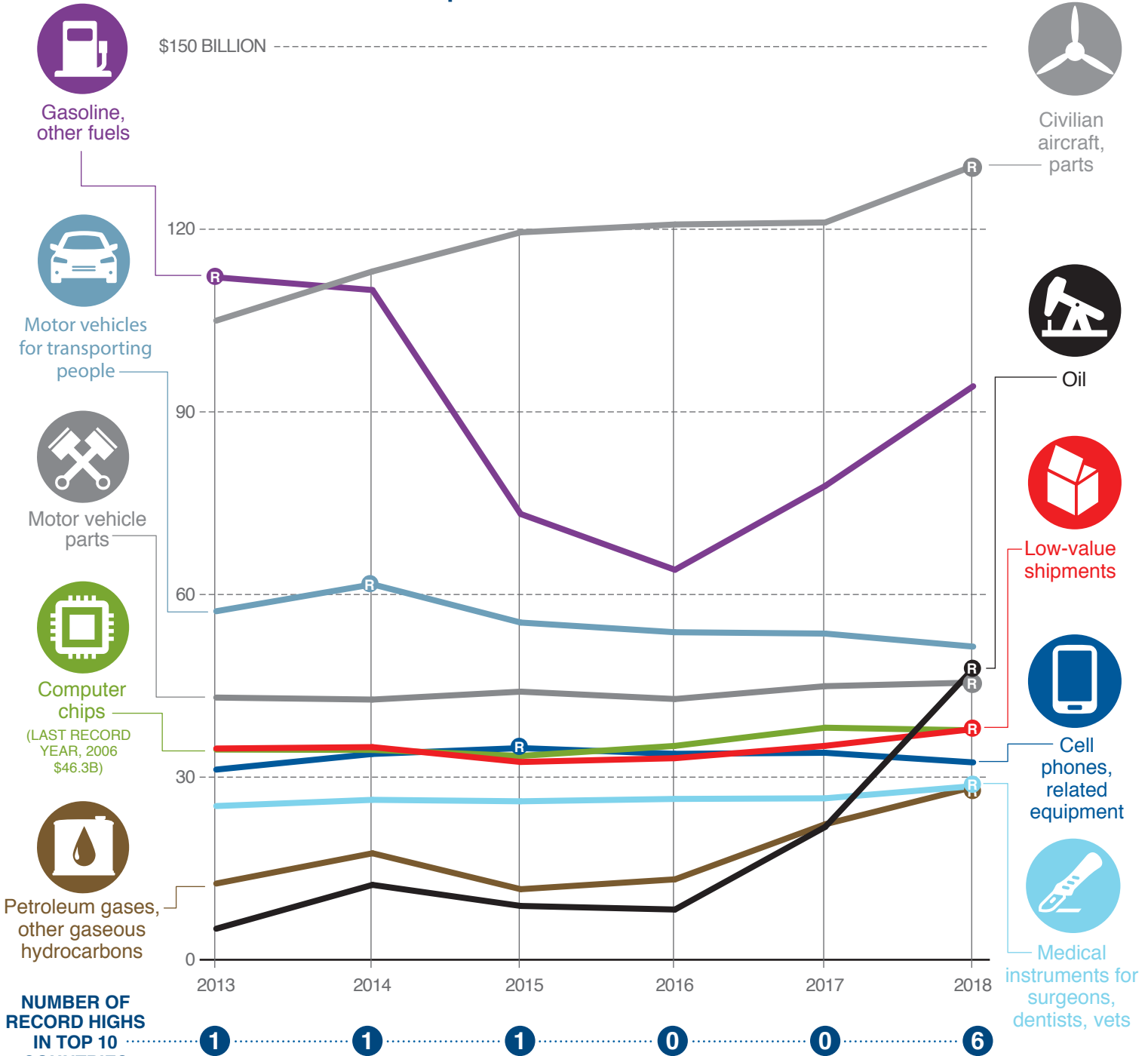


# 2018 TOTAL ECLIPSES 2014 RECORD

U.S. exports topped \$1.66 trillion in 2018, an increase of 7.59 percent over 2017 and the first time above \$1.62 trillion total of 2014. Oil exports increased 116.22 percent, an increase of \$25.37 billion.

## TOP 10 EXPORTS | LAST FIVE YEARS

**R = RECORD HIGH**



SOURCE: WorldCity analysis of U.S. Census Bureau data

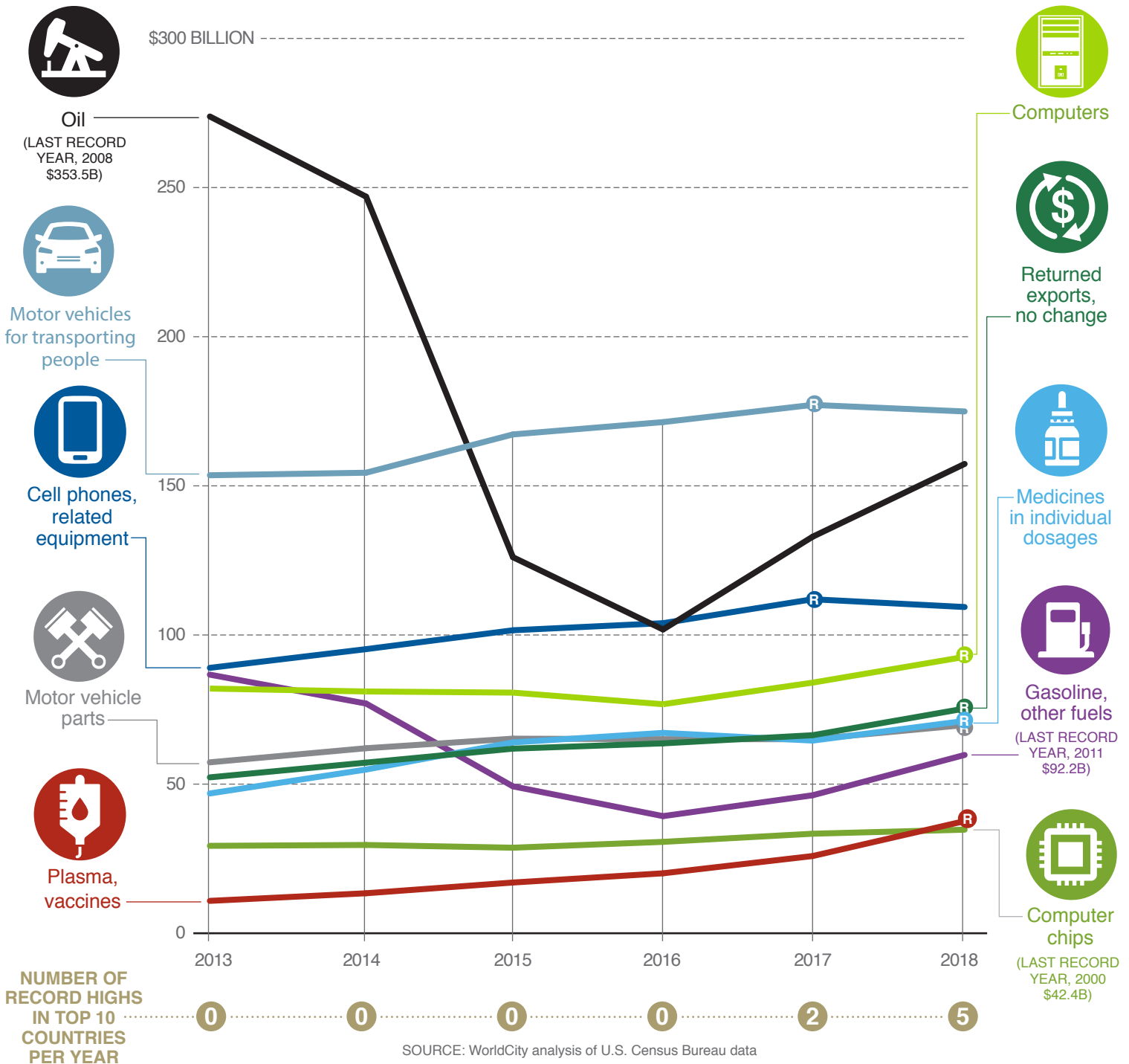


# IMPORTS ALSO BREAK 2014 RECORD

U.S. imports topped \$2.54 trillion in 2018, the eighth consecutive year above \$2 trillion. Imports first topped \$1 trillion in 1999. Although still chasing the 2008 record, oil imports increased the most in 2018, up \$24.41 billion.

## TOP 10 IMPORTS | LAST FIVE YEARS

**R** = RECORD HIGH



# U.S. 2018: top 20 U.S. airports, seaports, border crossings

All numbers are in billions (except where noted)

U.S. TOTAL TRADE		CHANGE FROM 2017
Total Trade	\$4.21 Trillion	8.15%
Exports	\$1.66 Trillion	7.59%
Imports	\$2.54 Trillion	8.53%
Deficit	(\$878.68) Billion	

18

## ANCHORAGE INT'L AIRPORT, AK

Total Trade	\$65.84	7.73%
Exports	\$21.14	9.29%
Imports	\$44.70	7.00%
Deficit	(\$23.56)	

17

## SAN FRANCISCO INT'L, CA

Total Trade	\$66.39	4.73%
Exports	\$29.86	2.12%
Imports	\$36.53	6.97%
Deficit	(\$6.67)	

3

## CHICAGO O'HARE INT'L, IL

Total Trade	\$210.53	10.66%
Exports	\$52.27	9.02%
Imports	\$158.26	11.21%
Deficit	(\$105.99)	

9

## LOS ANGELES INT'L, CA

Total Trade	\$120.80	5.63%
Exports	\$58.10	0.68%
Imports	\$62.71	10.67%
Deficit	(\$4.61)	

1

## PORT OF LOS ANGELES, CA

Total Trade	\$298.65	4.46%
Exports	\$35.93	1.05%
Imports	\$262.72	4.94%
Deficit	(\$226.79)	

10

## PORT OF LONG BEACH, CA

Total Trade	\$109.22	9.06%
Exports	\$34.22	0.72%
Imports	\$75.00	13.34%
Deficit	(\$40.78)	

14

## EL PASO BORDER CROSSING, TX

Total Trade	\$81.88	7.66%
Exports	\$32.33	10.94%
Imports	\$49.55	5.62%
Deficit	(\$17.22)	

2

## PORT LAREDO, TX

Total Trade	\$234.66	9.29%
Exports	\$100.40	6.31%
Imports	\$134.27	11.62%
Deficit	(\$33.87)	

6

### 2018 RANKING

- 1 Port of Los Angeles
- 2 Port Laredo
- 3 Chicago O'Hare International Airport
- 4 Port of Newark
- 5 John F. Kennedy International Airport
- 6 Port of Houston
- 7 Detroit Ambassador Bridge
- 8 Port of New Orleans
- 9 Los Angeles International Airport
- 10 Port of Long Beach
- 11 Port Huron Blue Water Bridge, Mich.
- 12 Port of Savannah
- 13 Port of Charleston
- 14 El Paso Border Crossing
- 15 Buffalo Peace Bridge
- 16 Port of Virginia
- 17 San Francisco International Airport
- 18 Anchorage International Airport
- 19 Cleveland Hopkins International Airport
- 20 Miami International Airport

Source: WorldCity analysis of U.S. Census Bureau data

4

**PORT OF NEWARK, NJ**

Total Trade	\$195.25	13.72%
Exports	\$16.65	3.60%
Imports	\$178.60	14.76%
Deficit	(\$161.95)	

15

**BUFFALO PEACE BRIDGE, NY**

Total Trade	\$80.95	-1.11%
Exports	\$42.02	-1.72%
Imports	\$38.93	-0.46%
Surplus	\$3.09	

19

**CLEVELAND HOPKINS INT'L, OH**

Total Trade	\$64.40	10.41%
Exports	\$36.49	9.99%
Imports	\$27.90	10.96%
Surplus	\$8.59	

11

**PORT HURON, MI**

Total Trade	\$104.03	4.84%
Exports	\$49.08	4.50%
Imports	\$54.95	5.14%
Deficit	(\$5.86)	

5

**JFK INT'L AIRPORT, NY**

Total Trade	\$195.00	4.59%
Exports	\$93.78	6.80%
Imports	\$101.22	2.63%
Deficit	(\$7.44)	

7

**DETROIT AMBASSADOR BRIDGE, MI**

Total Trade	\$149.43	-0.01%
Exports	\$78.17	0.85%
Imports	\$71.26	-0.94%
Surplus	\$6.91	

16

**PORT OF VIRGINIA, VA**

Total Trade	\$73.83	0.98%
Exports	\$24.58	-9.14%
Imports	\$49.24	6.93%
Deficit	(\$24.66)	

12

**PORT OF SAVANNAH, GA**

Total Trade	\$102.67	13.13%
Exports	\$28.25	6.85%
Imports	\$74.42	15.72%
Deficit	(\$46.18)	

13

**PORT OF CHARLESTON, SC**

Total Trade	\$84.47	8.17%
Exports	\$34.22	10.48%
Imports	\$50.25	6.65%
Deficit	(\$16.03)	

8

**PORT OF NEW ORLEANS, LA**

Total Trade	\$137.49	9.23%
Exports	\$67.64	9.76%
Imports	\$69.85	8.72%
Deficit	(\$2.21)	

20

**MIAMI INT'L AIRPORT, FL**

Total Trade	\$61.78	1.97%
Exports	\$36.49	3.47%
Imports	\$25.29	-0.12%
Surplus	\$11.20	

**PORT OF HOUSTON, TX**

Total Trade	\$159.79	21.22%
Exports	\$90.21	25.34%
Imports	\$69.58	16.28%
Surplus	\$20.63	



## Los Angeles port sets U.S. record for trade in 2018

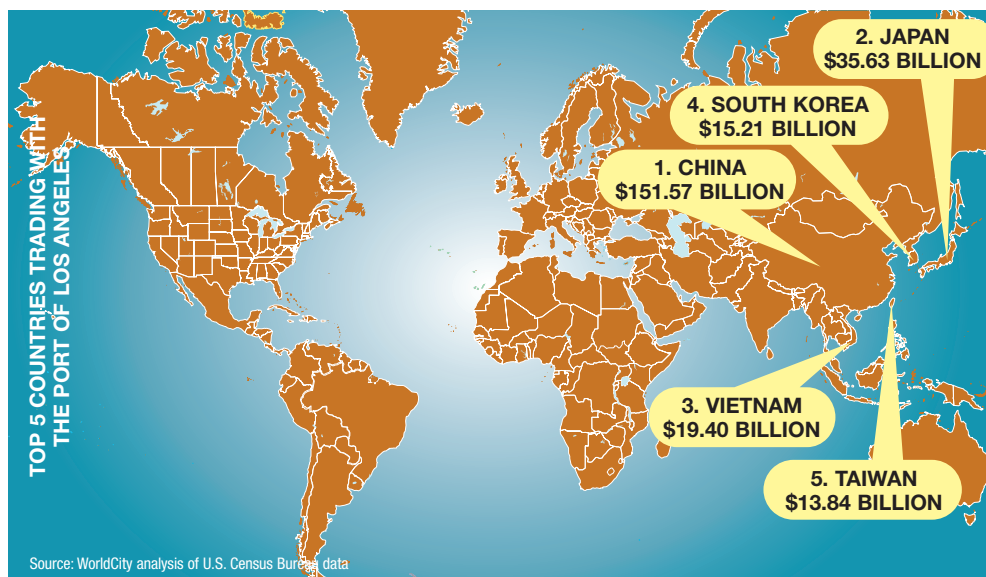
Port of Los Angeles trade reached a U.S. record \$298.65 billion in 2018, a 4.46 percent increase over the previous year's U.S. record. The port accounted for 7.10 percent of all U.S. trade, the lowest percentage in at least 15 years when it last topped 8 percent.

**COUNTRIES:** The port's trade with China topped \$150 billion for the first time in 2018, reaching \$151.57 billion on a 5.70 percent gain.

**EXPORTS:** Port of Los Angeles exports increased 1.05 percent, the third consecutive year of an increase. Five years ago, the total was \$40.78 billion. Exports have declined 11.91 percent since then.

**IMPORTS:** A 24.22 percent increase in cell phones and related equipment led to a record total for overall imports of \$262.72 billion in 2018.

**BALANCE OF TRADE:** The Port of Los Angeles trade deficit with the world was \$226.79 billion in 2018, setting a U.S. record. **wc**



Top 20 countries trading with the Port of Los Angeles

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM LOS ANGELES	IMPORTS TO LOS ANGELES	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$298,645,308,180</b>	<b>4.46%</b>	<b>\$35,926,586,076</b>	<b>\$262,718,722,104</b>	<b>(\$226,792,136,028)</b>
1	China	\$151,570,635,391	5.70%	\$8,217,482,852	\$143,353,152,539	(\$135,135,669,687)
2	Japan	\$35,631,764,113	-0.27%	\$6,355,468,481	\$29,276,295,632	(\$22,920,827,151)
3	Vietnam	\$19,396,608,570	8.70%	\$1,531,182,547	\$17,865,426,023	(\$16,334,243,476)
4	South Korea	\$15,207,279,940	4.26%	\$3,358,819,165	\$11,848,460,775	(\$8,489,641,610)
5	Taiwan	\$13,835,693,152	5.89%	\$2,349,097,072	\$11,486,596,080	(\$9,137,499,008)
6	Thailand	\$9,742,069,936	-5.79%	\$1,370,541,581	\$8,371,528,355	(\$7,000,986,774)
7	Indonesia	\$7,542,757,827	8.63%	\$1,288,886,839	\$6,253,870,988	(\$4,964,984,149)
8	Malaysia	\$4,717,353,883	3.26%	\$980,052,530	\$3,737,301,353	(\$2,757,248,823)
9	India	\$3,594,064,795	15.09%	\$767,792,983	\$2,826,271,812	(\$2,058,478,829)
10	Philippines	\$3,558,516,727	13.11%	\$662,730,050	\$2,895,786,677	(\$2,233,056,627)
11	Germany	\$3,258,453,670	7.06%	\$213,986,705	\$3,044,466,965	(\$2,830,480,260)
12	Hong Kong	\$2,815,106,984	-16.16%	\$2,217,889,334	\$597,217,650	\$1,620,671,684
13	Singapore	\$2,475,462,629	7.15%	\$1,552,823,257	\$922,639,372	\$630,183,885
14	Cambodia	\$1,885,739,072	24.08%	\$134,566,261	\$1,751,172,811	(\$1,616,606,550)
15	Bangladesh	\$1,506,349,956	9.22%	\$160,642,642	\$1,345,707,314	(\$1,185,064,672)
16	Australia	\$1,446,825,909	3.06%	\$419,908,543	\$1,026,917,366	(\$607,008,823)
17	Mexico	\$1,404,129,108	60.61%	\$282,450,839	\$1,121,678,269	(\$839,227,430)
18	Italy	\$1,150,860,386	-6.78%	\$64,149,653	\$1,086,710,733	(\$1,022,561,080)
19	Brazil	\$994,361,526	42.47%	\$86,055,050	\$908,306,476	(\$822,251,426)
20	Chile	\$858,494,348	2.59%	\$226,470,591	\$632,023,757	(\$405,553,166)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Los Angeles exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$35,926,586,076</b>	<b>1.05%</b>
1	Cotton	\$1,897,574,438	11.43%
2	Frozen beef	\$1,672,653,000	41.04%
3	Motor vehicle parts	\$993,338,447	-7.69%
4	Almonds, walnuts, pistachios, hazelnuts, etc.	\$893,904,246	-23.01%
5	Scrap iron, steel	\$766,375,907	10.14%
6	Motor vehicles for transporting people	\$729,170,114	1.65%
7	Prepared foods, beverages	\$722,912,680	12.45%
8	Soybeans	\$658,480,352	14.81%
9	Paper, paperboard scrap	\$643,568,705	21.20%
10	Plastics	\$518,131,359	39.73%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Los Angeles imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$262,718,722,104</b>	<b>4.94%</b>
1	Motor vehicles for transporting people	\$11,667,367,983	-4.44%
2	Computers	\$9,803,685,474	-5.23%
3	Motor vehicle parts	\$8,821,172,266	6.16%
4	TVs, computer monitors	\$7,422,262,804	0.06%
5	Printers, all types, parts	\$6,869,582,278	-0.62%
6	Cell phones, related equipment	\$6,182,051,166	24.22%
7	Furniture, parts	\$5,995,652,397	3.94%
8	Shoes made of textile	\$4,988,012,382	8.11%
9	Toys, children's bicycles, games	\$4,946,551,398	3.06%
10	Sweaters, pullovers, vests, knit or crocheted	\$4,913,220,508	5.20%

Source: WorldCity analysis of U.S. Census Bureau data

## Port Laredo sets records for trade, exports, imports

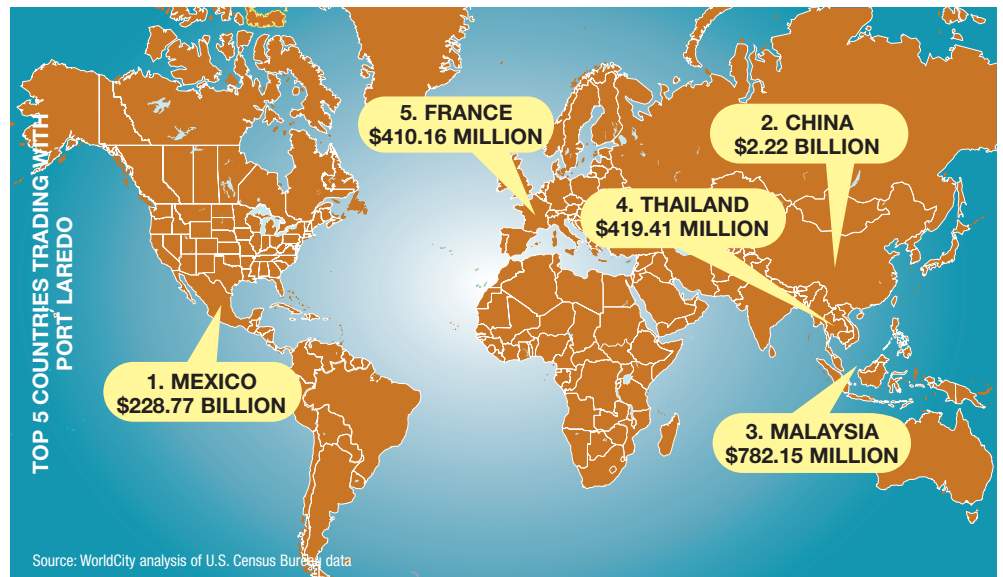
Port Laredo's trade with the world increased 9.29 percent in 2018, buoyed by strong trade with Mexico. The total was \$234.66 billion, the second consecutive record year.

**COUNTRIES:** Port Laredo and Mexico set a record once again for the most trade by one port with one country in 2018, topping \$228.77 billion, or more than 97 percent of all Port Laredo trade.

**EXPORTS:** Port Laredo exports topped \$100 billion for the first time in 2018, led by a number of automotive commodities.

**IMPORTS:** Three of the top five imports gained more than \$2 billion in value in 2018: motor vehicles, tractors and computers. That propelled Port Laredo imports to another record year.

**BALANCE OF TRADE:** Port Laredo's trade deficit was a record \$33.87 billion in 2018, more than double the total in 2015. Its trade is relatively balanced, with 43 cents of every dollar of trade an export from Port Laredo. [WC](#)



Top 20 countries trading with Port Laredo

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM LAREDO	IMPORTS TO LAREDO	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$234,663,521,073</b>	<b>9.29%</b>	<b>\$100,397,832,399</b>	<b>\$134,265,688,674</b>	<b>(\$33,867,856,275)</b>
1	Mexico	\$228,770,529,959	9.64%	\$100,236,550,640	\$128,533,979,319	(\$28,297,428,679)
2	China	\$2,223,763,755	-4.40%	\$1,009,469	\$2,222,754,286	(\$2,221,744,817)
3	Malaysia	\$782,149,592	-20.68%	\$1,653,574	\$780,496,018	(\$778,842,444)
4	Thailand	\$419,405,172	-21.08%	\$1,019,435	\$418,385,737	(\$417,366,302)
5	France	\$410,162,239	232.97%	\$158,697	\$410,003,542	(\$409,844,845)
6	Japan	\$393,072,665	-1.43%	\$90,804	\$392,981,861	(\$392,891,057)
7	Germany	\$158,030,237	3.72%	\$419,377	\$157,610,860	(\$157,191,483)
8	Panama	\$121,286,001	-14.66%	\$121,081,740	\$204,261	\$120,877,479
9	Canada	\$119,758,115	26.73%	\$148,120	\$119,609,995	(\$119,461,875)
10	South Korea	\$117,257,313	22.07%	\$472,563	\$116,784,750	(\$116,312,187)
11	Nicaragua	\$101,966,942	-16.70%	\$1,450,960	\$100,515,982	(\$99,065,022)
12	India	\$92,585,222	19.37%	\$1,049,406	\$91,535,816	(\$90,486,410)
13	Brazil	\$87,065,904	-20.92%	\$136,581	\$86,929,323	(\$86,792,742)
14	Italy	\$85,770,863	38.78%	\$76,111	\$85,694,752	(\$85,618,641)
15	Greece	\$74,711,927	-15.82%	\$55,000	\$74,656,927	(\$74,601,927)
16	Taiwan	\$57,575,436	4.97%	\$39,966	\$57,535,470	(\$57,495,504)
17	Philippines	\$48,696,764	-29.15%	\$2,625,520	\$46,071,244	(\$43,445,724)
18	El Salvador	\$47,453,240	1.161%	\$50,174	\$47,403,066	(\$47,352,892)
19	United Kingdom	\$44,357,780	-16.48%	\$562,524	\$43,795,256	(\$43,232,732)
20	Poland	\$39,582,012	-35.01%	\$64,147	\$39,517,865	(\$39,453,718)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port Laredo exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$100,397,832,399</b>	<b>6.31%</b>
1	Motor vehicle parts	\$11,995,615,655	5.32%
2	Diesel engines	\$4,156,765,266	23.59%
3	Gasoline, other fuels	\$2,447,667,379	66.55%
4	Cell phones, related equipment	\$2,043,410,225	-7.61%
5	Engine parts	\$1,788,127,190	0.09%
6	Centrifuges, filters, machines and parts	\$1,515,086,318	25.93%
7	Plastics	\$1,506,861,533	14.35%
8	Taps, cocks and valves for pipes, tanks	\$1,480,985,137	17.54%
9	Electrical supplies, apparatus, less than 1000V	\$1,355,079,582	11.51%
10	Rubber tires	\$1,196,787,460	10.78%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port Laredo imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$134,265,688,674</b>	<b>11.62%</b>
1	Motor vehicle parts	\$16,187,157,515	11.90%
2	Motor vehicles for transporting people	\$13,862,457,366	20.36%
3	Cell phones, related equipment	\$8,264,675,970	-13.40%
4	Tractors	\$7,987,569,025	44.52%
5	Computers	\$6,289,973,752	49.74%
6	Commercial vehicles	\$5,139,583,482	-7.54%
7	Motor vehicle engines	\$3,426,897,539	19.35%
8	Insulated wire, cable	\$3,148,789,047	22.90%
9	Seats, excluding barber, dental	\$2,957,128,937	1.51%
10	Air conditioning machines	\$2,800,823,707	13.03%

Source: WorldCity analysis of U.S. Census Bureau data



# Port Laredo

TEXAS

## Port Laredo

Ranked No. 2 with record setting **\$234.66 billion** in trade among the nation's roughly 450 airports, seaports, and border crossings.

### ▶ Laredo Bridge System

11601 FM Road 1472  
Laredo, Texas 78045  
Bridge Director  
Yvette Limon  
ylimon@ci.laredo.tx.us

### ▶ Laredo International Airport

5210 Bob Bullock Loop  
Laredo, Texas 78041  
Acting Airport Director  
Jeffrey J. Miller, Airport Director  
jmillier@ci.laredo.tx.us



## Record-setting year for O'Hare as it tops \$200 billion

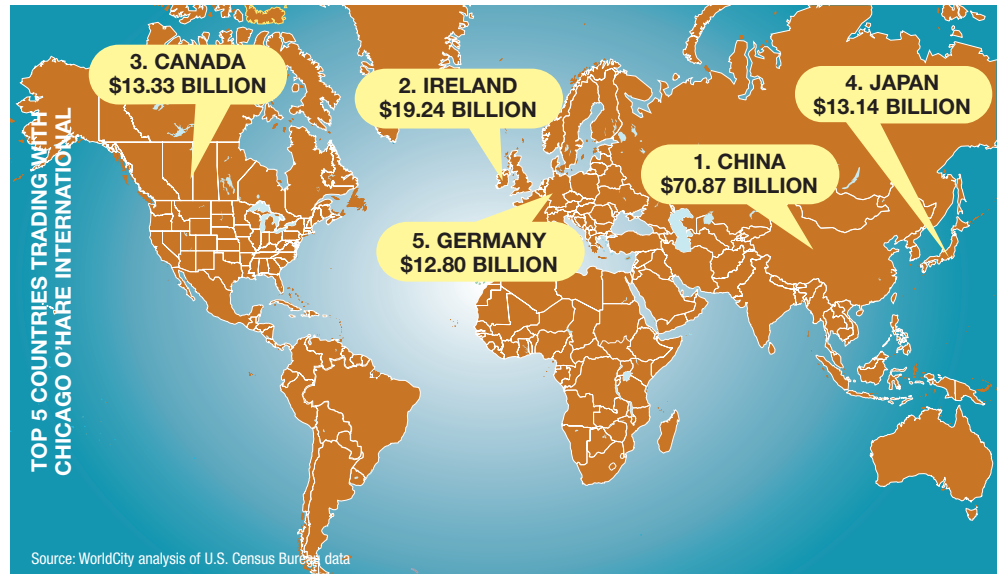
Chicago's O'Hare International, the nation's top-ranked airport for trade, registered a strong 10.66 percent growth in 2018 and topped \$200 billion for the first time. The total was \$210.53 billion.

**COUNTRIES:** China dominates the airport's trade but O'Hare's trade with Ireland, Canada, Germany and the Netherlands each increased more than \$2 billion in 2018 from the previous year.

**EXPORTS:** Exports, while relatively small, topped \$50 billion for the first time, led by growth in aircraft as well as vaccines and plasma.

**IMPORTS:** Imports surged 11.21 percent, led by strong growth in vaccines, plasma and blood "fractions" as well as medicines and oil.

**BALANCE OF TRADE:** Because of O'Hare's importance to U.S.-China trade, where it ranks second to the Port of Los Angeles, it runs a large trade deficit. The 2018 total topped \$100 billion for the first time. **WC**



Top 20 countries trading with Chicago O'Hare International

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM CHICAGO	IMPORTS TO CHICAGO	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$210,527,796,768</b>	<b>10.66%</b>	<b>\$52,268,570,898</b>	<b>\$158,259,225,870</b>	<b>(\$105,990,654,972)</b>
1	China	\$70,865,955,864	0.71%	\$8,746,877,226	\$62,119,078,638	(\$53,372,201,412)
2	Ireland	\$19,235,767,409	31.51%	\$1,075,697,589	\$18,160,069,820	(\$17,084,372,231)
3	Canada	\$13,333,245,905	30.22%	\$98,434,811	\$13,234,811,094	(\$13,136,376,283)
4	Japan	\$13,141,184,528	8.45%	\$5,284,742,580	\$7,856,441,948	(\$2,571,699,368)
5	Germany	\$12,797,903,455	20.08%	\$4,241,056,279	\$8,556,847,176	(\$4,315,790,897)
6	Switzerland	\$7,702,386,419	25.99%	\$718,041,182	\$6,984,345,237	(\$6,266,304,055)
7	United Kingdom	\$6,857,436,637	8.42%	\$3,420,396,229	\$3,437,040,408	(\$16,644,179)
8	The Netherlands	\$6,747,964,201	72.51%	\$3,252,281,047	\$3,495,683,154	(\$243,402,107)
9	France	\$5,572,389,063	-9.06%	\$2,822,688,962	\$2,749,700,101	\$72,988,861
10	South Korea	\$5,357,351,172	-12.28%	\$2,051,215,512	\$3,306,135,660	(\$1,254,920,148)
11	Singapore	\$4,634,849,577	27.79%	\$2,029,222,285	\$2,605,627,292	(\$576,405,007)
12	Italy	\$4,318,992,150	15.93%	\$1,873,635,965	\$2,445,356,185	(\$571,720,220)
13	Taiwan	\$3,697,331,158	4.76%	\$1,139,929,708	\$2,557,401,450	(\$1,417,471,742)
14	Vietnam	\$3,485,700,262	-10.33%	\$226,038,696	\$3,259,661,566	(\$3,033,622,870)
15	India	\$3,116,884,913	9.65%	\$1,110,524,837	\$2,006,360,076	(\$895,835,239)
16	Denmark	\$3,080,180,422	78.72%	\$135,877,705	\$2,944,302,717	(\$2,808,425,012)
17	Australia	\$2,258,073,922	34.71%	\$1,492,973,832	\$765,100,090	\$727,873,742
18	Malaysia	\$2,207,729,764	23.25%	\$752,911,296	\$1,454,818,468	(\$701,907,172)
19	Thailand	\$2,182,409,342	4.56%	\$738,536,953	\$1,443,872,389	(\$705,335,436)
20	Hong Kong	\$2,072,480,777	3.42%	\$1,866,478,450	\$206,002,327	\$1,660,476,123

Source: WorldCity analysis of U.S. Census Bureau data

Top Chicago O'Hare International exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$52,268,570,898</b>	<b>9.02%</b>
1	Civilian aircraft, parts	\$8,351,622,382	14.53%
2	Medicines in individual dosages	\$4,172,985,141	-16.55%
3	Vaccines, plasma, other blood "fractions"	\$3,835,403,619	25.25%
4	Medical instruments for surgeons, dentists, vets	\$3,338,949,279	1.51%
5	Cell phones, related equipment	\$2,365,664,574	-1.39%
6	Orthopedic appliances, artificial body parts	\$1,329,120,251	19.42%
7	Misc. medical chemical re-agents	\$1,058,038,627	3.78%
8	Medical equipment for physicals	\$996,435,797	18.44%
9	Computers	\$944,970,690	11.97%
10	Insulin, hormones and steroids	\$890,317,064	54.37%

Source: WorldCity analysis of U.S. Census Bureau data

Top Chicago O'Hare International imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$158,259,225,870</b>	<b>11.21%</b>
1	Cell phones, related equipment	\$33,284,151,528	-8.24%
2	Computers	\$16,540,312,056	0.26%
3	Vaccines, plasma, other blood "fractions"	\$15,026,923,838	60.96%
4	Medicines in individual dosages	\$13,778,323,052	36.17%
5	Oil	\$12,676,161,232	29.31%
6	Returned export, no change	\$8,194,847,506	60.74%
7	Aircraft engines, engine parts	\$2,615,333,518	0.38%
8	Heterocyclic chemical compounds	\$2,451,095,100	-6.70%
9	Medical instruments for surgeons, dentists, vets	\$1,905,254,912	17.34%
10	Motor vehicle parts	\$1,615,827,979	21.45%

Source: WorldCity analysis of U.S. Census Bureau data



## Newark's growth 2nd-most in U.S., on way to record

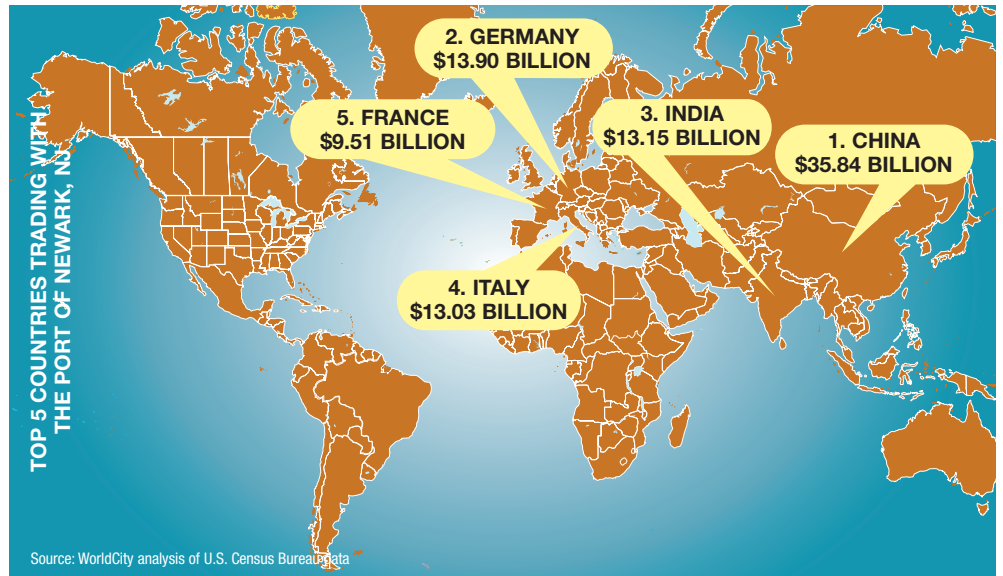
The Port of Newark ranked fourth in 2018 among the nation's more than 450 airports, seaports and border crossings for the value of its trade. Only one other port in the nation, the Port of Houston, saw its trade grow more in 2018. The Port of Newark's trade increased \$23.56 billion to a record \$195.25 billion.

**COUNTRIES:** Although the port's China trade is dominant, its trade with India, Italy and France grew rapidly.

**EXPORTS:** Exports, while relatively limited, topped \$16 billion in value for the third time in five years, breaking the record set in 2014.

**IMPORTS:** Gasoline and other fuels increased more than \$4 billion in 2018, largely due to price increases for oil.

**BALANCE OF TRADE:** The port's deficit was a record \$161.95 billion in 2018. Its trade is also less balanced than any other top 20 port, with only 9 cents of every dollar in trade a Newark export. **WC**



Top 20 countries trading with the Port of Newark, NJ

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM NEWARK	IMPORTS TO NEWARK	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$195,247,744,255</b>	<b>13.72%</b>	<b>\$16,647,849,825</b>	<b>\$178,599,894,430</b>	<b>(\$161,952,044,605)</b>
1	China	\$35,837,372,782	7.08%	\$846,702,917	\$34,990,669,865	(\$34,143,966,948)
2	Germany	\$13,903,466,938	6.04%	\$980,573,654	\$12,922,893,284	(\$11,942,319,630)
3	India	\$13,145,105,833	21.56%	\$759,052,483	\$12,386,053,350	(\$11,627,000,867)
4	Italy	\$13,027,400,240	18.00%	\$463,106,398	\$12,564,293,842	(\$12,101,187,444)
5	France	\$9,508,717,324	20.29%	\$766,856,868	\$8,741,860,456	(\$7,975,003,588)
6	Japan	\$8,887,692,686	1.05%	\$413,441,681	\$8,474,251,005	(\$8,060,809,324)
7	Switzerland	\$7,968,217,279	44.45%	\$285,309,148	\$7,682,908,131	(\$7,397,598,983)
8	United Kingdom	\$7,668,394,952	21.91%	\$1,728,043,915	\$5,940,351,037	(\$4,212,307,122)
9	South Korea	\$6,109,583,058	47.61%	\$170,052,900	\$5,939,530,158	(\$5,769,477,258)
10	Israel	\$5,154,909,271	-0.99%	\$1,171,984,515	\$3,982,924,756	(\$2,810,940,241)
11	Spain	\$4,389,500,033	14.23%	\$133,301,275	\$4,256,198,758	(\$4,122,897,483)
12	Vietnam	\$4,127,646,319	18.80%	\$64,986,807	\$4,062,659,512	(\$3,997,672,705)
13	The Netherlands	\$3,994,960,615	22.05%	\$628,053,251	\$3,366,907,364	(\$2,738,854,113)
14	Ireland	\$3,935,315,851	38.64%	\$145,598,586	\$3,789,717,265	(\$3,644,118,679)
15	Indonesia	\$3,099,251,444	3.24%	\$98,731,848	\$3,000,519,596	(\$2,901,787,748)
16	Canada	\$2,916,009,578	22.43%	\$0	\$2,916,009,578	(\$2,916,009,578)
17	Taiwan	\$2,691,887,780	6.57%	\$160,951,291	\$2,530,936,489	(\$2,369,985,198)
18	Turkey	\$2,625,045,814	9.09%	\$566,567,947	\$2,058,477,867	(\$1,491,909,920)
19	Thailand	\$2,435,181,981	11.45%	\$158,522,671	\$2,276,659,310	(\$2,118,136,639)
20	Belgium	\$2,313,764,880	22.69%	\$714,812,568	\$1,598,952,312	(\$884,139,744)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Newark exports in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$16,647,849,825</b>	<b>3.60%</b>
1 Motor vehicles for transporting people	\$1,435,883,272	-8.04%
2 Vaccines, plasma, other blood "fractions"	\$1,181,261,816	56.68%
3 Scrap iron, steel	\$679,499,847	31.03%
4 Scrap of precious metal	\$669,732,369	35.62%
5 Gasoline, other fuels	\$475,863,995	-50.60%
6 Medicines in individual dosages	\$458,263,366	-18.45%
7 Civilian aircraft, parts	\$455,849,974	5.51%
8 Make-up and skin-care products	\$345,766,140	23.47%
9 Perfumes	\$249,386,012	4.26%
10 Silver, various forms	\$210,802,020	89.73%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Newark imports in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$178,599,894,430</b>	<b>14.76%</b>
1 Motor vehicles for transporting people	\$12,324,285,042	-5.56%
2 Gasoline, other fuels	\$9,557,980,872	54.04%
3 Medicines in individual dosages	\$8,460,985,761	30.85%
4 Oil	\$4,520,642,381	13.07%
5 Heterocyclic chemical compounds	\$4,485,091,709	106.24%
6 Furniture, parts	\$2,841,249,632	14.99%
7 Rum, gin, vodka, other liquors	\$2,773,964,265	7.05%
8 Wine	\$2,502,139,547	8.46%
9 Vaccines, plasma, other blood "fractions"	\$2,412,342,209	569.00%
10 Motor vehicle parts	\$2,342,938,951	20.82%

Source: WorldCity analysis of U.S. Census Bureau data

## JFK surpasses 2014 record, tops \$195 billion

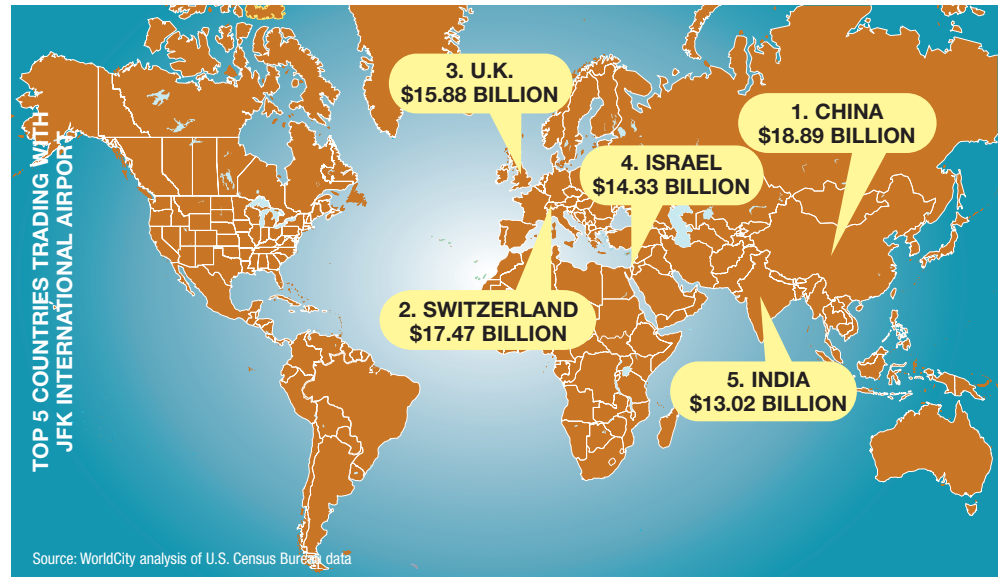
New York City's JFK International Airport set a record for total trade in 2018, topping \$195 billion. The previous record was set in 2014. The New York airport did slip one in the rankings, to No. 5, falling behind the Port of Newark. Five years ago, JFK had ranked second to the Port of Los Angeles.

**COUNTRIES:** The top eight trade partners with JFK all topped \$10 billion in 2018. With five of those nations – China, Switzerland, the United Kingdom, France and Germany – the 2018 increase was more than \$1 billion each.

**EXPORTS:** Eight of the top 10 exports increased in value in 2018, led by diamonds, gold and aircraft.

**IMPORTS:** Imports grew less rapidly than exports, up 2.63 percent, in 2018. The leading export category, diamonds, was also the leading import category.

**BALANCE OF TRADE:** For every dollar of JFK trade in 2018, 48 cents was an export. **WC**



### Top 20 countries trading with JFK International Airport

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM NEW YORK	IMPORTS TO NEW YORK	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$195,002,748,257</b>	<b>4.59%</b>	<b>\$93,780,085,393</b>	<b>\$101,222,662,864</b>	<b>(\$7,442,577,471)</b>
1	China	\$18,888,632,225	8.12%	\$4,869,109,674	\$14,019,522,551	(\$9,150,412,877)
2	Switzerland	\$17,466,310,661	10.53%	\$9,907,307,605	\$7,559,003,056	\$2,348,304,549
3	United Kingdom	\$15,883,854,061	12.20%	\$10,333,663,228	\$5,550,190,833	\$4,783,472,395
4	Israel	\$14,334,816,720	-3.58%	\$6,053,800,058	\$8,281,016,662	(\$2,227,216,604)
5	India	\$13,017,748,475	-6.54%	\$4,437,167,465	\$8,580,581,010	(\$4,143,413,545)
6	France	\$12,900,206,995	16.72%	\$6,124,144,114	\$6,776,062,881	(\$651,918,767)
7	Germany	\$12,817,080,866	13.88%	\$6,303,212,585	\$6,513,868,281	(\$210,655,696)
8	Hong Kong	\$12,325,564,950	-16.05%	\$10,171,331,251	\$2,154,233,699	\$8,017,097,552
9	Italy	\$8,275,900,433	4.49%	\$2,560,623,297	\$5,715,277,136	(\$3,154,653,839)
10	Belgium	\$7,844,061,067	4.68%	\$4,132,742,177	\$3,711,318,890	\$421,423,287
11	Japan	\$7,833,973,171	6.16%	\$3,931,415,050	\$3,902,558,121	\$28,856,929
12	South Africa	\$4,176,482,016	32.02%	\$383,663,048	\$3,792,818,968	(\$3,409,155,920)
13	South Korea	\$3,975,547,673	-2.27%	\$3,049,389,671	\$926,158,002	\$2,123,231,669
14	The Netherlands	\$3,810,026,477	6.62%	\$2,703,199,992	\$1,106,826,485	\$1,596,373,507
15	Singapore	\$3,654,775,070	18.58%	\$2,139,190,652	\$1,515,584,418	\$623,606,234
16	Taiwan	\$2,490,821,303	7.06%	\$1,733,954,535	\$756,866,768	\$977,087,767
17	Russia	\$2,295,053,467	46.22%	\$470,838,463	\$1,824,215,004	(\$1,353,376,541)
18	United Arab Emirates	\$2,258,674,093	-11.20%	\$1,951,221,693	\$307,452,400	\$1,643,769,293
19	Canada	\$1,957,133,610	17.83%	\$67,211,106	\$1,889,922,504	(\$1,822,711,398)
20	Spain	\$1,718,106,190	18.64%	\$557,912,089	\$1,160,194,101	(\$602,282,012)

Source: WorldCity analysis of U.S. Census Bureau data

### Top JFK International Airport exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$93,780,085,393</b>	<b>6.80%</b>
1	Diamonds, not mounted	\$14,639,472,248	6.51%
2	Gold	\$9,609,583,117	9.63%
3	Civilian aircraft, parts	\$9,567,031,155	14.99%
4	Paintings, drawings and other artwork	\$8,683,075,401	23.42%
5	Jewelry, parts	\$6,947,141,115	-4.77%
6	Unwrought platinum in various forms	\$2,527,325,770	39.90%
7	Machinery, parts for semiconductor manufacturing	\$2,195,802,247	11.95%
8	Computers	\$1,986,009,913	10.32%
9	Precious stones	\$1,880,676,834	7.76%
10	Vaccines, plasma, other blood "fractions"	\$1,880,623,927	-1.56%

Source: WorldCity analysis of U.S. Census Bureau data

### Top JFK International Airport imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$101,222,662,864</b>	<b>2.63%</b>
1	Diamonds, not mounted	\$18,569,476,732	1.56%
2	Returned export, no change	\$9,336,974,312	-6.02%
3	Paintings, drawings and other artwork	\$5,810,992,026	10.00%
4	Cell phones, related equipment	\$5,485,269,511	12.67%
5	Medicines in individual dosages	\$5,439,529,448	-20.72%
6	Unwrought platinum in various forms	\$5,295,085,070	37.25%
7	Jewelry, parts	\$4,888,698,652	-7.43%
8	Computers	\$3,467,420,501	-5.70%
9	Aircraft engines, engine parts	\$2,992,649,251	12.98%
10	Medical instruments for surgeons, dentists, vets	\$1,625,754,120	7.61%

Source: WorldCity analysis of U.S. Census Bureau data

## Houston's trade growth rate is fastest in top 20

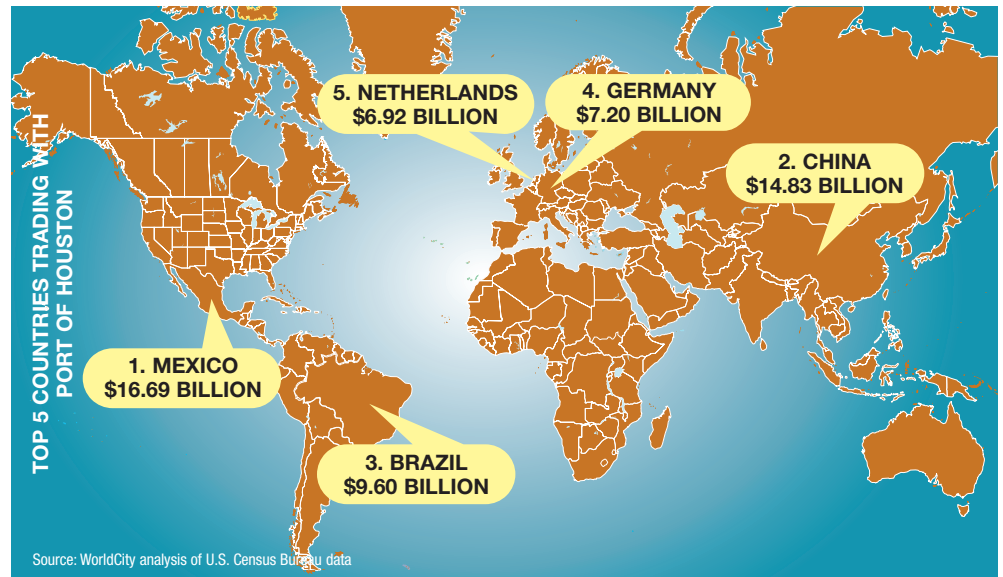
Port of Houston's trade with the world increased 21.22 percent in 2018, or close to triple the U.S. average of 8.15 percent, to \$159.79 billion. It was the greatest growth rate among the top 20 U.S. airports, seaports and border crossings. But it remains below the record year of 2012, when the total was \$176.56 billion. The only top 20 port to have gone as long as the Port of Houston without setting a record is Miami International Airport, which also last set a record in 2012.

**COUNTRIES:** Nine of the top 20 trade partners saw growth rates exceeding 30 percent in 2018.

**EXPORTS:** Oil exports from the Port of Houston grew 262.24 percent in 2018.

**IMPORTS:** Oil imports topped \$10 billion for the first time since 2014, when the total was \$23.79 billion.

**BALANCE OF TRADE:** The Port of Houston had the nation's largest trade surplus in 2018, \$20.63 billion, thanks to the boom in oil exports. **WC**



Top 20 countries trading with Port of Houston

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM HOUSTON	IMPORTS TO HOUSTON	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$159,788,708,186</b>	<b>21.22%</b>	<b>\$90,211,727,290</b>	<b>\$69,576,980,896</b>	<b>\$20,634,746,394</b>
1	Mexico	\$16,690,177,866	23.25%	\$9,898,249,782	\$6,791,928,084	\$3,106,321,698
2	China	\$14,825,421,615	12.52%	\$4,623,264,564	\$10,202,157,051	(\$5,578,892,487)
3	Brazil	\$9,604,541,402	5.24%	\$6,548,056,512	\$3,056,484,890	\$3,491,571,622
4	Germany	\$7,199,532,327	0.94%	\$1,865,000,414	\$5,334,531,913	(\$3,469,531,499)
5	The Netherlands	\$6,924,312,300	19.88%	\$5,599,901,131	\$1,324,411,169	\$4,275,489,962
6	South Korea	\$6,795,852,380	42.20%	\$3,587,442,136	\$3,208,410,244	\$379,031,892
7	Japan	\$6,079,593,116	35.10%	\$5,172,658,983	\$906,934,133	\$4,265,724,850
8	India	\$5,023,232,826	25.66%	\$2,186,489,820	\$2,836,743,006	(\$650,253,186)
9	Italy	\$5,007,364,367	30.34%	\$1,479,712,518	\$3,527,651,849	(\$2,047,939,331)
10	United Kingdom	\$4,373,210,523	44.66%	\$2,824,128,627	\$1,549,081,896	\$1,275,046,731
11	Colombia	\$4,101,199,877	27.94%	\$2,410,276,161	\$1,690,923,716	\$719,352,445
12	Belgium	\$3,802,293,340	4.98%	\$3,058,026,228	\$744,267,112	\$2,313,759,116
13	Chile	\$3,531,516,257	38.96%	\$3,090,505,480	\$441,010,777	\$2,649,494,703
14	Singapore	\$3,177,523,882	30.48%	\$2,971,147,362	\$206,376,520	\$2,764,770,842
15	Venezuela	\$3,068,348,197	48.69%	\$2,278,093,583	\$790,254,614	\$1,487,838,969
16	Canada	\$3,006,809,304	67.45%	\$2,220,722,672	\$786,086,632	\$1,434,636,040
17	Saudi Arabia	\$2,949,018,968	16.87%	\$1,091,774,535	\$1,857,244,433	(\$765,469,898)
18	Russia	\$2,857,200,924	35.64%	\$633,542,512	\$2,223,658,412	(\$1,590,115,900)
19	France	\$2,652,058,401	17.19%	\$1,294,866,514	\$1,357,191,887	(\$62,325,373)
20	Peru	\$2,598,284,429	5.56%	\$2,001,980,005	\$596,304,424	\$1,405,675,581

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Houston exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$90,211,727,290</b>	<b>25.34%</b>
1	Gasoline, other fuels	\$21,211,085,158	16.38%
2	Oil	\$11,557,946,178	262.24%
3	Petroleum gases, other gaseous hydrocarbons	\$9,959,387,859	21.56%
4	Plastics	\$4,407,626,249	43.98%
5	Cyclic hydrocarbons	\$2,573,621,007	20.13%
6	Acyclic hydrocarbons	\$2,382,439,858	63.41%
7	Ethers, ether-alcohols, alcohol peroxides etc.	\$2,236,197,602	7.05%
8	Polymers of vinyl chloride	\$1,109,914,757	14.27%
9	Parts for heavy machinery	\$1,038,783,577	6.58%
10	Acetic acids, vinyl acetates, etc.	\$1,035,150,076	21.12%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Houston imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$69,576,980,896</b>	<b>16.28%</b>
1	Oil	\$11,094,693,606	17.75%
2	Gasoline, other fuels	\$6,805,770,645	44.10%
3	Motor vehicles for transporting people	\$3,275,920,090	6.65%
4	Seamless iron tubes and pipes	\$2,730,184,804	20.21%
5	Iron and steel pipes and tubing	\$1,372,159,526	-21.64%
6	Taps, cocks and valves for pipes, tanks	\$1,271,959,272	40.76%
7	Cyclic hydrocarbons	\$1,049,631,794	19.48%
8	Aluminum, unwrought	\$908,517,875	38.02%
9	Value added to a returned import	\$905,382,246	15.75%
10	Misc. raw materials for industrial manufacturing	\$901,436,434	125.15%

Source: WorldCity analysis of U.S. Census Bureau data

## Detroit bumps up against 2014 record a 2nd year

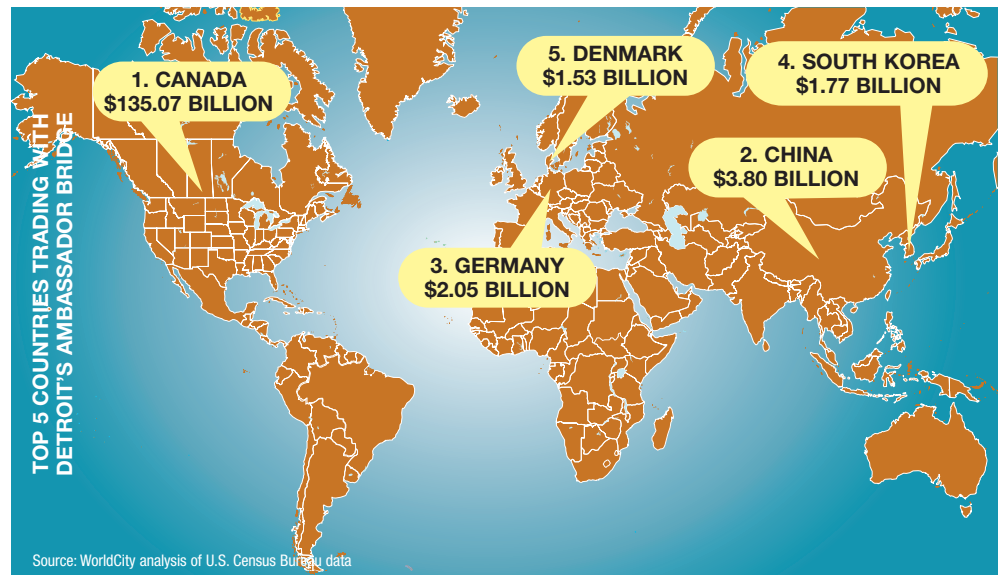
Detroit's Ambassador Bridge bumped up against its 2014 record of \$150.87 billion for the second straight year. In 2018, the total was \$149.43 billion, down 0.01 percent from the previous year.

**COUNTRIES:** For the fourth straight year, Canada accounted for more than 90 percent of all trade in 2018.

**EXPORTS:** The top four exports were all tied to the automotive industry and made up more than 36 percent of total exports.

**IMPORTS:** Motor vehicle imports crossing the Ambassador Bridge fell 11.08 percent in 2018, a primary factor in the overall decline in imports of 0.94 percent.

**BALANCE OF TRADE:** The bridge's trade surplus grew to \$6.91 billion in 2018, the highest total since 2014, when the total was \$10.44 billion. Detroit's Ambassador Bridge was one of the nation's five top 20 ports with a trade surplus in 2018. [WC](#)



Top 20 countries trading with Detroit's Ambassador Bridge

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM DETROIT	IMPORTS TO DETROIT	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$149,430,303,426</b>	<b>-0.01%</b>	<b>\$78,172,544,818</b>	<b>\$71,257,758,608</b>	<b>\$6,914,786,210</b>
1	Canada	\$135,073,745,974	0.41%	\$76,279,105,725	\$58,794,640,249	\$17,484,465,476
2	China	\$3,804,488,397	11.14%	\$19,185,618	\$3,785,302,779	(\$3,766,117,161)
3	Germany	\$2,048,626,783	-5.08%	\$362,731,409	\$1,685,895,374	(\$1,323,163,965)
4	South Korea	\$1,766,575,102	8.04%	\$54,353,238	\$1,712,221,864	(\$1,657,868,626)
5	Denmark	\$1,528,413,424	-23.50%	\$6,268,231	\$1,522,145,193	(\$1,515,876,962)
6	Italy	\$1,215,643,682	19.18%	\$380,696,851	\$834,946,831	(\$454,249,980)
7	Spain	\$489,122,643	26.43%	\$390,511,390	\$98,611,253	\$291,900,137
8	Mexico	\$386,288,423	3.28%	\$6,368,388	\$383,884,399	(\$381,480,375)
9	France	\$375,909,251	-18.20%	\$175,122,450	\$200,786,801	(\$25,664,351)
10	United Kingdom	\$292,584,902	-20.86%	\$132,557,952	\$160,026,950	(\$27,468,998)
11	Japan	\$291,066,973	-7.56%	\$28,601,228	\$262,465,745	(\$233,864,517)
12	Taiwan	\$244,782,187	16.27%	\$24,404,024	\$238,413,799	(\$232,045,411)
13	Switzerland	\$199,016,381	163.34%	\$1,283,150	\$197,733,231	(\$196,450,081)
14	Belgium	\$155,797,127	-60.34%	\$103,944,269	\$51,852,858	\$52,091,411
15	The Netherlands	\$146,979,071	14.35%	\$32,961,799	\$114,017,272	(\$81,055,473)
16	Austria	\$123,130,402	4.72%	\$17,981,319	\$105,149,083	(\$87,167,764)
17	Hungary	\$114,203,938	-25.47%	\$5,973,095	\$108,230,843	(\$102,257,748)
18	Sweden	\$109,360,179	-39.04%	\$9,139,904	\$100,220,275	(\$91,080,371)
19	Vietnam	\$101,948,473	-4.16%	\$613,914	\$101,334,559	(\$100,720,645)
20	Poland	\$96,734,711	-38.38%	\$11,274,592	\$85,460,119	(\$74,185,527)

Source: WorldCity analysis of U.S. Census Bureau data

Top Detroit's Ambassador Bridge exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$78,172,544,818</b>	<b>0.85%</b>
1	Motor vehicle parts	\$11,169,515,182	-2.61%
2	Motor vehicles for transporting people	\$7,822,258,866	-0.33%
3	Commercial vehicles	\$6,351,778,208	-12.98%
4	Motor vehicle engines	\$3,130,790,309	-8.74%
5	Computers	\$2,934,699,102	43.83%
6	Cell phones, related equipment	\$1,740,449,256	165.35%
7	Engine parts	\$1,046,094,858	3.55%
8	Insulated wire, cable	\$949,784,268	4.38%
9	Seats, excluding barber, dental	\$829,851,364	-4.75%
10	Civilian aircraft, parts	\$803,275,798	20.80%

Source: WorldCity analysis of U.S. Census Bureau data

Top Detroit's Ambassador Bridge imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$71,257,758,608</b>	<b>-0.94%</b>
1	Motor vehicles for transporting people	\$20,451,222,027	-11.08%
2	Motor vehicle parts	\$8,405,151,631	7.80%
3	Medicines in individual dosages	\$2,900,727,943	-18.13%
4	Motor vehicle engines	\$1,636,079,325	16.07%
5	Value added to a returned import	\$1,335,326,796	-2.55%
6	Engine parts	\$1,153,815,257	10.12%
7	Seats, excluding barber, dental	\$1,107,627,448	2.28%
8	Molding boxes for metal foundries	\$959,540,656	6.32%
9	Bread, pastry, cakes	\$864,931,350	14.70%
10	Rubber tires	\$832,843,581	7.94%

Source: WorldCity analysis of U.S. Census Bureau data

## New Orleans port trade rises 9%, tops 2014 record

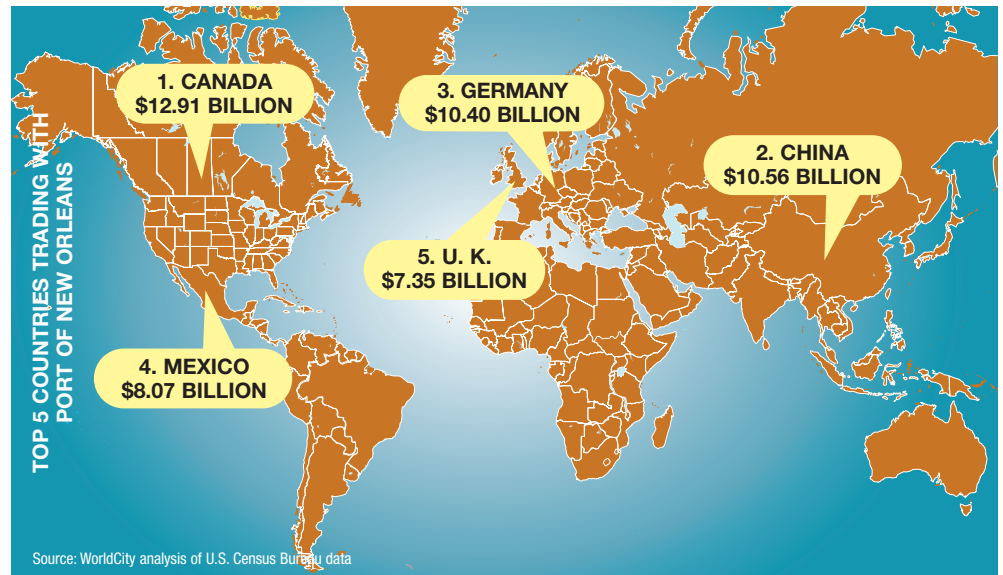
Port of New Orleans trade increased 9.23 percent in 2018, slightly faster than the U.S. average, and set a record for the first time since 2014. The 2018 total was \$137.49 billion, topping the 2014 total of \$129.65 billion.

**COUNTRIES:** Five of the top 20 trade partners experienced growth of more than \$1 billion, with one of them, Malaysia, registering growth of \$2.11 billion on an increase of 92.20 percent.

**EXPORTS:** Exports of gasoline and other fuels as well as aircraft increased sharply while soybeans, caught up in the U.S.-China trade war, fell 34.51 percent in 2018.

**IMPORTS:** Both computer chips and orthopedic appliances such as knee replacements advanced more than 35 percent over the previous year totals.

**BALANCE OF TRADE:** The port's trade is relatively balanced, with 49 cents of every dollar of trade an export to the world. The deficit fell slightly, to \$2.21 billion from \$2.62 billion. **WC**



Top 20 countries trading with Port of New Orleans

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM NEW ORLEANS	IMPORTS TO NEW ORLEANS	SURPLUS/(DEFICIT)
	<b>World Total</b>	<b>\$137,486,224,441</b>	<b>9.23%</b>	<b>\$67,638,327,773</b>	<b>\$69,847,896,668</b>	<b>(\$2,209,568,895)</b>
1	Canada	\$12,908,855,962	12.45%	\$7,683,992,713	\$5,224,863,249	\$2,459,129,464
2	China	\$10,562,286,519	-10.21%	\$2,870,877,859	\$7,691,408,660	(\$4,820,530,801)
3	Germany	\$10,398,829,969	12.65%	\$4,515,896,115	\$5,882,933,854	(\$1,367,037,739)
4	Mexico	\$8,072,454,060	14.57%	\$5,081,817,660	\$2,990,636,400	\$2,091,181,260
5	United Kingdom	\$7,353,813,368	5.60%	\$3,662,589,093	\$3,691,224,275	(\$28,635,182)
6	Ireland	\$5,266,532,474	64.75%	\$1,108,877,527	\$4,157,654,947	(\$3,048,777,420)
7	Singapore	\$4,960,468,851	18.93%	\$3,491,404,355	\$1,469,064,496	\$2,022,339,859
8	France	\$4,929,071,961	10.90%	\$2,206,888,286	\$2,722,183,675	(\$515,295,389)
9	Malaysia	\$4,405,516,817	92.20%	\$456,208,305	\$3,949,308,512	(\$3,493,100,207)
10	The Netherlands	\$4,313,075,048	6.60%	\$3,203,385,887	\$1,109,689,161	\$2,093,696,726
11	Brazil	\$3,479,875,645	8.97%	\$2,503,794,260	\$976,081,385	\$1,527,712,875
12	Japan	\$3,309,740,700	-11.58%	\$1,667,331,560	\$1,642,409,140	\$24,922,420
13	Russia	\$2,865,217,373	-1.18%	\$42,043,342	\$2,823,174,031	(\$2,781,130,689)
14	Venezuela	\$2,834,391,748	-2.54%	\$209,327,927	\$2,625,063,821	(\$2,415,735,894)
15	Belgium	\$2,691,691,603	1.78%	\$1,980,073,519	\$711,618,084	\$1,268,455,435
16	Switzerland	\$2,686,335,922	14.37%	\$719,979,572	\$1,966,356,350	(\$1,246,376,778)
17	Israel	\$2,399,709,324	1.62%	\$651,427,468	\$1,748,281,856	(\$1,096,854,388)
18	South Korea	\$2,251,899,288	21.62%	\$1,339,223,765	\$912,675,523	\$426,548,242
19	Hong Kong	\$2,212,598,694	12.05%	\$1,991,896,337	\$220,702,357	\$1,771,193,980
20	United Arab Emirates	\$2,158,447,190	-13.90%	\$1,679,523,687	\$478,923,503	\$1,200,600,184

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of New Orleans exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$67,638,327,773</b>	<b>9.76%</b>
1	Gasoline, other fuels	\$8,678,230,482	16.15%
2	Civilian aircraft, parts	\$5,396,435,145	25.90%
3	Soybeans	\$3,446,272,421	-34.51%
4	Cell phones, related equipment	\$3,071,504,270	3.38%
5	Computer chips	\$3,003,436,487	-3.07%
6	Corn	\$2,844,295,100	6.15%
7	Oil	\$1,787,880,637	383.35%
8	Medical instruments for surgeons, dentists, vets	\$1,726,457,458	5.61%
9	Orthopedic appliances, artificial body parts	\$1,394,792,376	-12.69%
10	Value added to a returned import	\$1,382,650,950	7.05%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of New Orleans imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$69,847,896,668</b>	<b>8.72%</b>
1	Value added to a returned import	\$8,114,352,244	5.65%
2	Computer chips	\$5,496,332,850	37.78%
3	Gasoline, other fuels	\$3,649,516,957	16.06%
4	Oil	\$3,219,083,478	7.49%
5	Orthopedic appliances, artificial body parts	\$3,073,843,382	40.31%
6	Cell phones, related equipment	\$2,897,767,810	-11.21%
7	Medical instruments for surgeons, dentists, vets	\$2,409,113,330	26.56%
8	Computer parts	\$1,948,763,771	17.90%
9	Ferroalloys 7202	\$1,685,273,633	11.21%
10	Aircraft engines, engine parts	\$1,684,776,301	3.57%

Source: WorldCity analysis of U.S. Census Bureau data

## LAX trade sets record on strong import growth

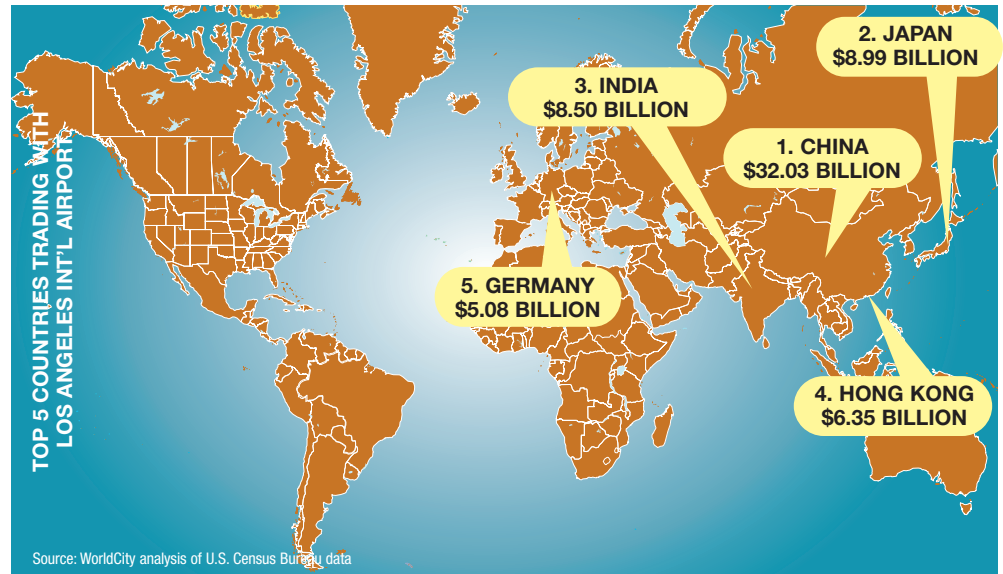
Los Angeles International Airport's trade with the world increased to \$120.80 billion in 2018, a record that was 5.63 percent above the total from the previous year. It ranked third among the nation's airports for the value of its trade, trailing only New York's JFK International and Chicago's O'Hare International.

**COUNTRIES:** Eight of LAX's top 10 trade partners are in Asia, with China accounting for more than 25 percent of that trade. Among the top 10, trade with India grew the most rapidly, up 23.42 percent.

**EXPORTS:** Exports grew slightly in 2018, held back by a large decrease in the value of gold shipments. Gold exports fell 46.20 percent.

**IMPORTS:** Imports increased 10.67 percent, thanks to large increases in cell phones, diamonds and computer parts.

**BALANCE OF TRADE:** LAX recorded a \$4.61 billion deficit with the world in 2018. **wc**



Top 20 countries trading with Los Angeles Int'l Airport

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM LOS ANGELES	IMPORTS TO LOS ANGELES	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$120,803,599,010</b>	<b>5.63%</b>	<b>\$58,096,595,347</b>	<b>\$62,707,003,663</b>	<b>(\$4,610,408,316)</b>
1	China	\$32,031,438,026	12.67%	\$8,662,252,834	\$23,369,185,192	(\$14,706,932,358)
2	Japan	\$8,994,175,712	14.70%	\$5,575,855,730	\$3,418,319,982	\$2,157,535,748
3	India	\$8,500,336,883	23.42%	\$4,307,582,839	\$4,192,754,044	\$114,828,795
4	Hong Kong	\$6,353,432,725	-22.77%	\$5,863,231,407	\$490,201,318	\$5,373,030,089
5	Germany	\$5,078,417,003	-4.05%	\$3,108,950,484	\$1,969,466,519	\$1,139,483,965
6	Taiwan	\$5,070,077,949	2.15%	\$1,857,967,771	\$3,212,110,178	(\$1,354,142,407)
7	South Korea	\$4,081,759,482	17.50%	\$2,721,720,417	\$1,360,039,065	\$1,361,681,352
8	Singapore	\$4,074,514,787	12.35%	\$2,011,550,355	\$2,062,964,432	(\$51,414,077)
9	Thailand	\$4,069,314,969	12.68%	\$1,181,010,041	\$2,888,304,928	(\$1,707,294,887)
10	United Kingdom	\$4,033,684,974	2.19%	\$2,350,205,575	\$1,683,479,399	\$666,726,176
11	Switzerland	\$3,756,373,348	-16.65%	\$2,731,955,146	\$1,024,418,202	\$1,707,536,944
12	The Netherlands	\$3,366,818,093	31.53%	\$2,410,723,578	\$956,094,515	\$1,454,629,063
13	Australia	\$3,230,399,992	-1.82%	\$1,883,846,501	\$1,346,553,491	\$537,293,010
14	Malaysia	\$3,147,789,442	6.05%	\$737,595,086	\$2,410,194,356	(\$1,672,599,270)
15	France	\$2,709,277,590	-17.66%	\$1,463,551,147	\$1,245,726,443	\$217,824,704
16	Israel	\$2,399,539,774	-5.95%	\$971,959,884	\$1,427,579,890	(\$455,620,006)
17	Mexico	\$1,946,411,098	9.03%	\$1,624,633,832	\$321,777,266	\$1,302,856,566
18	Ireland	\$1,915,915,233	35.96%	\$548,497,853	\$1,367,417,380	(\$818,919,527)
19	Philippines	\$1,883,209,587	12.39%	\$331,388,893	\$1,551,820,694	(\$1,220,431,801)
20	Italy	\$1,854,353,705	-4.43%	\$830,760,060	\$1,023,593,645	(\$192,833,585)

Source: WorldCity analysis of U.S. Census Bureau data

Top Los Angeles International exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$58,096,595,347</b>	<b>0.68%</b>
1	Computer chips	\$5,892,207,908	-11.41%
2	Civilian aircraft, parts	\$5,783,153,094	-2.70%
3	Diamonds, not mounted	\$4,800,631,651	1.11%
4	Gold	\$2,522,362,718	-46.20%
5	Medical instruments for surgeons, dentists, vets	\$2,508,105,415	28.06%
6	Computers	\$2,435,640,316	-1.29%
7	Machinery, parts for semiconductor manufacturing	\$2,097,462,276	68.88%
8	Cell phones, related equipment	\$1,899,590,444	-0.43%
9	Photo-sensitive semi-conductors, parts	\$1,330,883,964	3.38%
10	Misc. medical chemical re-agents	\$1,133,280,074	31.33%

Source: WorldCity analysis of U.S. Census Bureau data

Top Los Angeles International imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$62,707,003,663</b>	<b>10.67%</b>
1	Computers	\$9,360,732,723	0.73%
2	Cell phones, related equipment	\$7,705,781,947	32.34%
3	Diamonds, not mounted	\$4,982,403,975	23.07%
4	Computer chips	\$4,154,253,701	6.82%
5	Returned export, no change	\$3,204,416,086	7.84%
6	Computer parts	\$2,701,473,082	38.83%
7	TV cameras, digital cameras, camcorders	\$1,572,680,916	2.84%
8	Machinery, parts for semiconductor manufacturing	\$1,496,632,016	40.03%
9	Unrecorded media for audio	\$1,304,686,978	34.35%
10	Orthopedic appliances, artificial body parts	\$1,136,162,416	31.02%

Source: WorldCity analysis of U.S. Census Bureau data

# LAX CARGO

## *CONNECTS THE WORLD*



LAX is an economic engine in international trade, accounting for over \$1 billion in imports/exports with 22 different countries and more than 1,200 daily flights carrying cargo to and from the airport.

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## Long Beach narrowly misses 2013 record

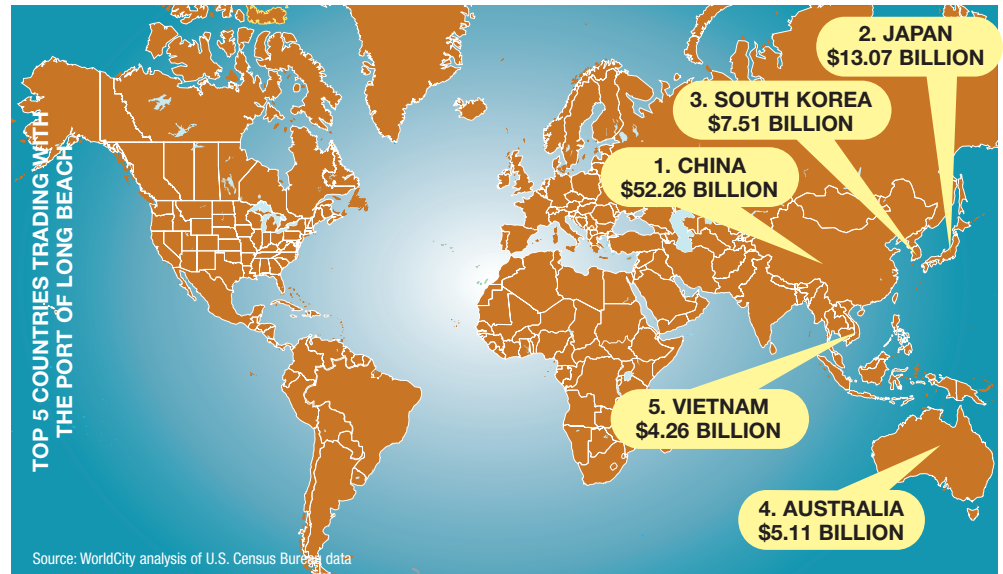
Port of Long Beach trade with the world topped \$100 billion for the second consecutive year, the fourth in the last six, and narrowly missing topping the 2013 record of \$109.40 billion. The 2018 total was \$109.22 billion, an increase of 9.06 percent over the 2017 total.

**COUNTRIES:** China accounted for 47.85 percent of all Long Beach trade in 2018, a large percentage of the total but the second consecutive year below 50 percent.

**EXPORTS:** The category that includes almonds as well as frozen beef imports grew rapidly in 2018 while motor vehicles and motor vehicle parts declined.

**IMPORTS:** Two imports increased more than \$1 billion in value in 2018, oil and cell phones and related equipment.

**BALANCE OF TRADE:** The Port of Long Beach's trade deficit topped \$40 billion for the first time in 2018. For every dollar of trade, 31 cents was an export from the California seaport. [WC](#)



Top 20 countries trading with the Port of Long Beach

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM LONG BEACH	IMPORTS TO LONG BEACH	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$109,217,547,898</b>	<b>9.06%</b>	<b>\$34,218,113,793</b>	<b>\$74,999,434,105</b>	<b>(\$40,781,320,312)</b>
1	China	\$52,257,430,828	8.30%	\$8,742,975,113	\$43,514,455,715	(\$34,771,480,602)
2	Japan	\$13,071,019,893	5.65%	\$3,858,497,155	\$9,212,522,738	(\$5,354,025,583)
3	South Korea	\$7,512,656,565	5.68%	\$4,549,089,380	\$2,963,567,185	\$1,585,522,195
4	Australia	\$5,111,118,477	-0.48%	\$4,664,019,995	\$447,098,482	\$4,216,921,513
5	Vietnam	\$4,258,646,729	26.27%	\$1,138,795,470	\$3,119,851,259	(\$1,981,055,789)
6	Taiwan	\$4,124,862,639	16.57%	\$2,018,218,086	\$2,106,644,553	(\$88,426,467)
7	Saudi Arabia	\$2,292,565,384	115.48%	\$237,579,193	\$2,054,986,191	(\$1,817,406,998)
8	Hong Kong	\$1,593,770,934	1.48%	\$1,345,989,900	\$247,781,034	\$1,098,208,866
9	Philippines	\$1,138,534,759	-11.24%	\$586,770,848	\$551,763,911	\$35,006,937
10	Thailand	\$1,118,060,090	17.44%	\$390,506,238	\$727,553,852	(\$337,047,614)
11	Iraq	\$1,000,689,004	24.55%	\$14,405,599	\$986,283,405	(\$971,877,806)
12	New Zealand	\$930,349,326	1.22%	\$668,490,321	\$261,859,005	\$406,631,316
13	Ecuador	\$875,043,488	19.94%	\$37,917,047	\$837,126,441	(\$799,209,394)
14	Indonesia	\$870,889,134	-22.66%	\$461,975,159	\$408,913,975	\$53,061,184
15	Malaysia	\$867,791,848	9.67%	\$315,199,383	\$552,592,465	(\$237,393,082)
16	Brazil	\$786,798,016	91.90%	\$140,266,742	\$646,531,274	(\$506,264,532)
17	Germany	\$705,827,802	15.20%	\$375,762,382	\$330,065,420	\$45,696,962
18	Singapore	\$647,846,357	-23.00%	\$388,836,823	\$259,009,534	\$129,827,289
19	Mexico	\$602,013,269	-8.05%	\$251,411,448	\$350,601,821	(\$99,190,373)
20	Belgium	\$513,993,265	55.40%	\$433,040,872	\$80,952,393	\$352,088,479

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Long Beach exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$34,218,113,793</b>	<b>0.72%</b>
1	Motor vehicles for transporting people	\$1,588,991,153	-14.01%
2	Motor vehicle parts	\$1,449,472,758	-11.60%
3	Cotton	\$1,273,114,447	8.32%
4	Almonds, walnuts, pistachios, hazelnuts, etc.	\$1,179,449,808	32.41%
5	Frozen beef	\$1,026,890,783	29.90%
6	Petroleum products	\$738,927,265	17.43%
7	Copper waste and scrap	\$621,382,004	51.36%
8	Medical instruments for surgeons, dentists, vets	\$613,326,599	43.28%
9	Prepared foods, beverages	\$549,098,243	13.11%
10	Civilian aircraft, parts	\$455,699,015	5.33%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Long Beach imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$74,999,434,105</b>	<b>13.34%</b>
1	Oil	\$6,627,821,958	34.76%
2	Computers	\$3,241,408,165	16.73%
3	Motor vehicle parts	\$3,096,445,038	4.43%
4	Cell phones, related equipment	\$2,382,824,733	148.66%
5	TVs, computer monitors	\$1,611,592,836	2.30%
6	Furniture, parts	\$1,596,308,016	6.00%
7	Toys, children's bicycles, games	\$1,501,607,655	11.33%
8	Seats, excluding barber, dental	\$1,479,139,212	13.53%
9	Printers, all types, parts	\$1,151,201,308	-13.28%
10	Rubber tires	\$1,061,670,266	-14.46%

Source: WorldCity analysis of U.S. Census Bureau data



## Port Huron sets record, crosses \$100 billion mark

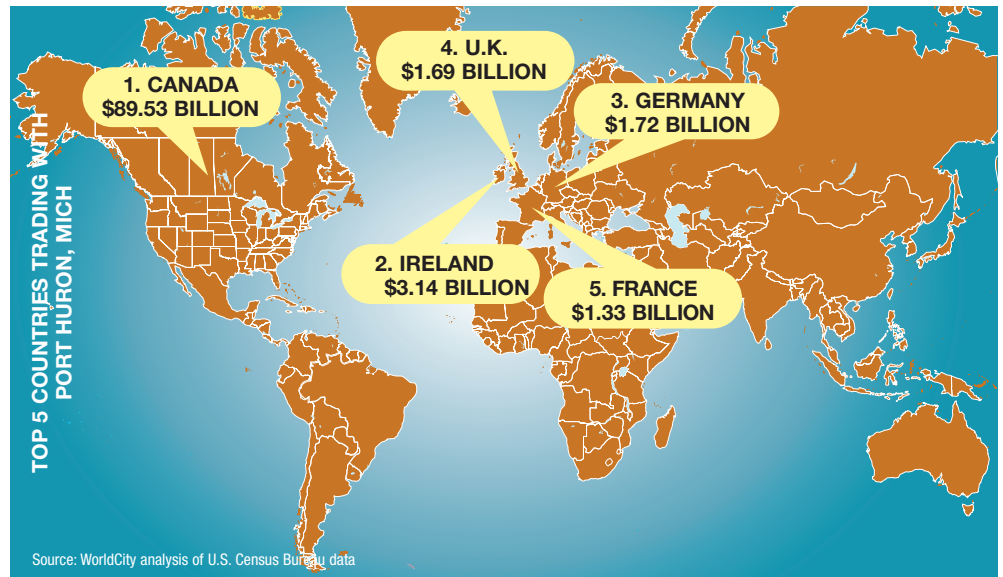
Port Huron's trade with the world surpassed \$100 billion in 2018 for the first time, its second consecutive year for record trade. Almost all of that trade occurs over the two three-lane Blue Water Bridges – one eastbound into Canada and the other westbound from Canada. The 2018 total was \$104.03 billion.

**COUNTRIES:** Of the \$104.03 billion total, \$89.53 billion of that was U.S. trade with Canada.

**EXPORTS:** Petroleum gas exports grew \$214.13 million and have increased \$890.03 million in just two years.

**IMPORTS:** Motor vehicle imports plunged \$1.70 billion in 2018, a decline that was somewhat offset by an increase in commercial vehicles of \$1.27 billion to \$1.74 billion.

**BALANCE OF TRADE:** Trade at Port Huron is relatively balanced, with 47 cents of each dollar a U.S. export. Nevertheless, the deficit in 2018 was a record-setting \$5.86 billion. **wc**



Top 20 countries trading with Port Huron

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM HURON, MICH	IMPORTS TO HURON, MICH	SURPLUS/ (DEFICIT)
<b>World Total</b>		<b>\$104,032,174,471</b>	<b>4.84%</b>	<b>\$49,084,167,253</b>	<b>\$54,948,007,218</b>	<b>(\$5,863,839,965)</b>
1	Canada	\$89,526,930,081	4.87%	\$43,074,539,794	\$46,452,390,287	(\$3,377,850,493)
2	Ireland	\$3,137,384,618	-24.70%	\$167,903,420	\$2,969,481,198	(\$2,801,577,778)
3	Germany	\$1,717,857,685	6.60%	\$1,192,995,750	\$524,861,935	\$668,133,815
4	United Kingdom	\$1,691,098,645	10.01%	\$1,408,646,729	\$282,451,916	\$1,126,194,813
5	France	\$1,334,609,872	186.88%	\$192,333,534	\$1,142,276,338	(\$949,942,804)
6	Belgium	\$873,693,789	-11.63%	\$635,398,612	\$238,295,177	\$397,103,435
7	Italy	\$817,970,039	10.89%	\$493,097,523	\$324,872,516	\$168,225,007
8	China	\$789,614,283	7.89%	\$14,805,433	\$774,808,850	(\$760,003,417)
9	Singapore	\$631,430,804	56.98%	\$4,618,420	\$626,812,384	(\$622,193,964)
10	Mexico	\$465,808,965	0.51%	\$956,955	\$464,852,010	(\$463,895,055)
11	The Netherlands	\$390,792,460	14.42%	\$361,828,677	\$28,963,783	\$332,864,894
12	Spain	\$228,552,211	47.66%	\$26,948,739	\$201,603,472	(\$174,654,733)
13	India	\$227,940,468	64.02%	\$78,890,054	\$149,050,414	(\$70,160,360)
14	United Arab Emirates	\$206,420,709	5.52%	\$205,179,835	\$1,240,874	\$203,938,961
15	Poland	\$194,203,711	5.07%	\$176,817,558	\$17,386,153	\$159,431,405
16	Russia	\$177,302,955	-10.89%	\$175,931,844	\$1,371,111	\$174,560,733
17	Japan	\$160,773,720	-25.57%	\$11,710,397	\$149,063,323	(\$137,352,926)
18	Sweden	\$154,704,540	-19.43%	\$122,020,125	\$32,684,415	\$89,335,710
19	Finland	\$124,087,570	51.58%	\$112,697,819	\$11,389,751	\$101,308,068
20	Switzerland	\$121,587,730	88.50%	\$25,049,313	\$96,538,417	(\$71,489,104)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port Huron exports in 2018

RANK		VALUE	CHANGE
<b>Total Exports</b>		<b>\$49,084,167,253</b>	<b>4.50%</b>
1	Motor vehicles for transporting people	\$3,560,192,760	2.97%
2	Motor vehicle parts	\$2,394,399,935	-3.51%
3	Oil	\$1,785,760,595	-3.77%
4	Petroleum gases, other gaseous hydrocarbons	\$1,241,200,874	20.85%
5	Gasoline, other fuels	\$884,509,925	17.27%
6	Trailers and similar vehicles	\$832,020,044	24.85%
7	Civilian aircraft, parts	\$759,039,215	10.48%
8	Cell phones, related equipment	\$689,850,032	10.83%
9	Computers	\$665,747,051	0.99%
10	Plastics	\$626,300,154	6.16%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port Huron imports in 2018

RANK		VALUE	CHANGE
<b>Total Imports</b>		<b>\$54,948,007,218</b>	<b>5.14%</b>
1	Motor vehicles for transporting people	\$9,966,186,274	-14.58%
2	Medicines in individual dosages	\$4,504,822,658	-5.37%
3	Returned exports, no change	\$4,406,387,114	23.58%
4	Motor vehicle parts	\$2,862,534,778	13.22%
5	Oil	\$2,668,366,363	5.01%
6	Aluminum, unwrought	\$2,132,074,354	13.78%
7	Commercial vehicles	\$1,740,414,197	266.65%
8	Petroleum gases, other gaseous hydrocarbons	\$1,168,459,639	-29.18%
9	Plastics	\$988,833,802	28.37%
10	Bread, pastry, cakes	\$603,498,476	25.36%

Source: WorldCity analysis of U.S. Census Bureau data

## Port of Savannah tops \$100 billion in trade first time

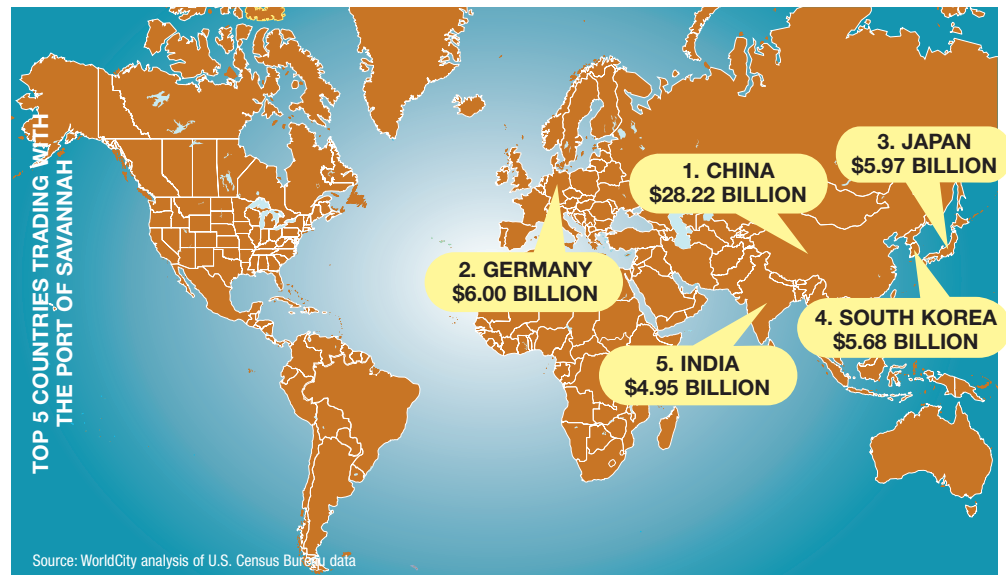
Port of Savannah's trade with the world, much like No. 11-ranked Port Huron, topped \$100 billion for the first time in 2018. For Savannah, it was the second straight record-breaking year. The total was \$102.67 billion.

**COUNTRIES:** Savannah's trade with Singapore expanded \$2.53 billion in 2018. It went from ranking as the seaport's 23rd most important trade partner in 2017 to No. 6 in 2018.

**EXPORTS:** Cotton and kraft paper were the two fastest-growing top 10 exports from the Port of Savannah in 2018, increasing \$385.72 million and \$332.94 million, respectively.

**IMPORTS:** Imports increased \$10.12 billion, with \$2.60 billion in the category that includes preparations for beverage manufacturing.

**BALANCE OF TRADE:** The Port of Savannah's trade deficit has more than doubled in the last five years and more than tripled in the last six. The 2018 total was a record \$46.18 billion. [WC](#)



Top 20 countries trading with the Port of Savannah

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM SAVANNAH	IMPORTS TO SAVANNAH	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$102,669,655,566</b>	<b>13.13%</b>	<b>\$28,245,830,850</b>	<b>\$74,423,824,716</b>	<b>(\$46,177,993,866)</b>
1	China	\$28,215,896,836	14.46%	\$3,229,367,489	\$24,986,529,347	(\$21,757,161,858)
2	Germany	\$5,997,966,991	-3.55%	\$1,470,902,354	\$4,527,064,637	(\$3,056,162,283)
3	Japan	\$5,969,913,244	15.85%	\$886,268,602	\$5,083,644,642	(\$4,197,376,040)
4	South Korea	\$5,683,955,468	5.10%	\$872,994,903	\$4,810,960,565	(\$3,937,965,662)
5	India	\$4,954,269,329	10.35%	\$867,373,901	\$4,086,895,428	(\$3,219,521,527)
6	Singapore	\$3,525,180,418	254.48%	\$383,442,129	\$3,141,738,289	(\$2,758,296,160)
7	Italy	\$3,241,795,035	14.92%	\$730,981,214	\$2,510,813,821	(\$1,779,832,607)
8	United Kingdom	\$2,955,204,987	40.15%	\$1,459,409,512	\$1,495,795,475	(\$36,385,963)
9	Australia	\$2,431,161,286	33.12%	\$2,174,032,165	\$257,129,121	\$1,916,903,044
10	Indonesia	\$2,341,775,872	-8.20%	\$566,734,112	\$1,775,041,760	(\$1,208,307,648)
11	Vietnam	\$2,256,059,451	-3.45%	\$531,354,067	\$1,724,705,384	(\$1,193,351,317)
12	Taiwan	\$2,197,388,022	11.88%	\$653,426,633	\$1,543,961,389	(\$890,534,756)
13	Thailand	\$2,073,139,857	2.60%	\$456,244,571	\$1,616,895,286	(\$1,160,650,715)
14	France	\$1,714,587,579	13.22%	\$596,546,076	\$1,118,041,503	(\$521,495,427)
15	Bangladesh	\$1,598,610,357	-0.66%	\$264,162,493	\$1,334,447,864	(\$1,070,285,371)
16	The Netherlands	\$1,578,334,384	10.39%	\$1,035,568,408	\$542,765,976	\$492,802,432
17	Turkey	\$1,502,451,535	6.65%	\$699,431,609	\$803,019,926	(\$103,588,317)
18	Israel	\$1,406,897,726	4.66%	\$478,906,062	\$927,991,664	(\$449,085,602)
19	Belgium	\$1,327,683,463	11.17%	\$884,278,158	\$443,405,305	\$440,872,853
20	Spain	\$1,286,095,861	6.44%	\$552,653,876	\$733,441,985	(\$180,788,109)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Savannah exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$28,245,830,850</b>	<b>6.85%</b>
1	Motor vehicles for transporting people	\$1,918,200,486	9.54%
2	Chemical wood pulp, not dissolving grade	\$1,506,863,198	7.60%
3	Cotton	\$1,450,168,395	36.24%
4	Civilian aircraft, parts	\$1,295,822,735	19.54%
5	Misc. uncoated kraft paper, paperboard	\$1,290,081,747	34.78%
6	Poultry, fresh, chilled or frozen	\$927,383,777	-0.16%
7	Motor vehicle parts	\$665,371,470	20.18%
8	Chemical wood pulp, dissolving grades	\$537,033,736	7.92%
9	Tractors	\$472,097,983	54.93%
10	Kaolin clays	\$462,184,301	3.69%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Savannah imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$74,423,824,716</b>	<b>15.72%</b>
1	Motor vehicle parts	\$3,176,284,166	14.54%
2	Prepared foods, beverages	\$2,633,943,202	6,266%
3	Medicines in individual dosages	\$2,603,636,193	-2.05%
4	Self-propelled heavy construction machinery	\$1,803,327,034	60.65%
5	Furniture, parts	\$1,792,328,127	11.92%
6	Plastic floor and wall coverings	\$1,346,023,066	48.36%
7	Seats, excluding barber, dental	\$1,298,250,994	14.17%
8	Rubber tires	\$1,246,634,503	12.63%
9	Toys, children's bicycles, games	\$1,163,856,241	-6.39%
10	Saws, drills and other hand tools	\$948,883,593	4.66%

Source: WorldCity analysis of U.S. Census Bureau data

## Charleston breaks mark set in 2015, tops \$84 billion

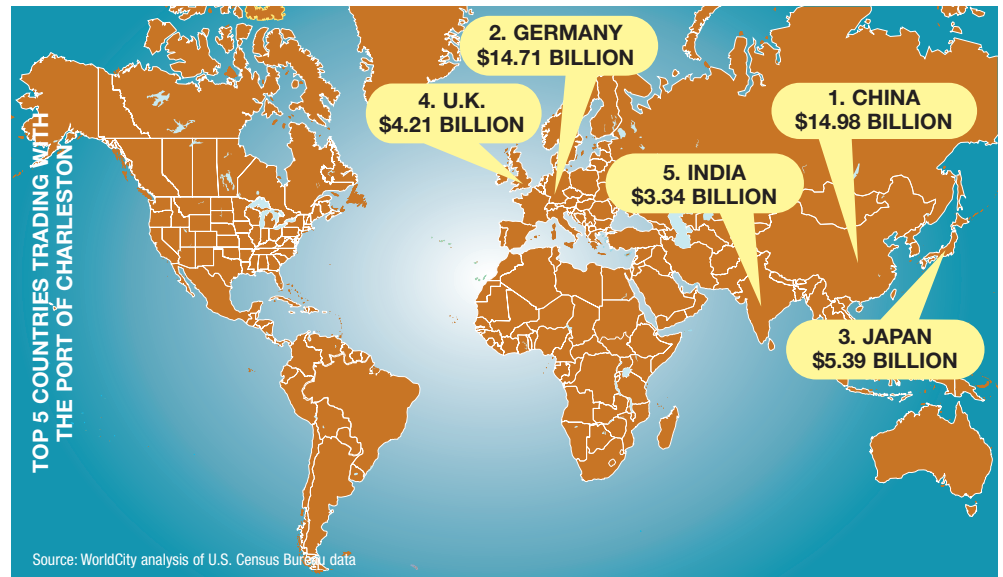
Port of Charleston topped \$80 billion in trade with the world for the second time in 2018, breaking the 2015 record of \$80.91 billion set in 2015. The 2018 total was \$84.47 billion.

**COUNTRIES:** China passed Germany to become the South Carolina port's largest trade partner in 2018. Germany had been Charleston's top trade partner for at least 15 years, most of those years accounting for more than three times as much trade as any other country.

**EXPORTS:** Exports in the category of aircraft and parts increased \$2.06 billion. These exports have increased steadily in recent years, thanks to Boeing's presence in the state.

**IMPORTS:** Imports in the category that includes aviation parts increased \$1.52 billion in 2018.

**BALANCE OF TRADE:** As Charleston's trade has grown, its balance of trade has remained relatively constant, with exports accounting for 38-42 percent of all trade since 2013. **WC**



Top 20 countries trading with the Port of Charleston

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM CHARLESTON	IMPORTS TO CHARLESTON	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$84,466,433,646</b>	<b>8.17%</b>	<b>\$34,217,619,789</b>	<b>\$50,248,813,857</b>	<b>(\$16,031,194,068)</b>
1	China	\$14,977,546,108	4.03%	\$6,030,649,697	\$8,946,896,411	(\$2,916,246,714)
2	Germany	\$14,710,902,216	-9.64%	\$3,885,138,168	\$10,825,764,048	(\$6,940,625,880)
3	Japan	\$5,386,430,477	13.95%	\$1,825,050,566	\$3,561,379,911	(\$1,736,329,345)
4	United Kingdom	\$4,205,490,524	11.67%	\$2,584,094,792	\$1,621,395,732	\$962,699,060
5	India	\$3,336,339,737	8.91%	\$675,321,266	\$2,661,018,471	(\$1,985,697,205)
6	Italy	\$2,706,159,522	61.92%	\$573,353,301	\$2,132,806,221	(\$1,559,452,920)
7	France	\$2,333,644,245	4.12%	\$722,698,840	\$1,610,945,405	(\$888,246,565)
8	The Netherlands	\$2,120,858,663	3.88%	\$1,088,905,751	\$1,031,952,912	\$56,952,839
9	Singapore	\$2,115,547,385	442.79%	\$1,918,240,715	\$197,306,670	\$1,720,934,045
10	Brazil	\$1,912,983,179	28.02%	\$933,734,246	\$979,248,933	(\$45,514,687)
11	South Korea	\$1,909,930,215	-1.58%	\$975,315,334	\$934,614,881	\$40,700,453
12	Australia	\$1,665,177,558	-6.96%	\$1,231,790,900	\$433,386,658	\$798,404,242
13	Belgium	\$1,636,338,486	9.33%	\$1,127,645,627	\$508,692,859	\$618,952,768
14	Taiwan	\$1,458,977,003	46.51%	\$749,120,859	\$709,856,144	\$39,264,715
15	Austria	\$1,403,044,091	-1.46%	\$33,783,066	\$1,369,261,025	(\$1,335,477,959)
16	Vietnam	\$1,313,114,478	24.51%	\$274,941,074	\$1,038,173,404	(\$763,232,330)
17	Spain	\$1,074,656,911	94.81%	\$489,104,505	\$585,552,406	(\$96,447,901)
18	United Arab Emirates	\$1,046,357,782	665.78%	\$1,019,353,063	\$27,004,719	\$992,348,344
19	South Africa	\$1,010,426,692	32.22%	\$716,319,252	\$294,107,440	\$422,211,812
20	Thailand	\$998,577,092	1.18%	\$236,637,329	\$761,939,763	(\$525,302,434)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Charleston exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$34,217,619,789</b>	<b>10.48%</b>
1	Civilian aircraft, parts	\$7,654,043,878	36.94%
2	Motor vehicles for transporting people	\$6,898,589,196	-2.58%
3	Motor vehicle parts	\$1,072,233,254	18.56%
4	Rubber tires	\$831,373,665	31.72%
5	Miscellaneous machines, parts	\$609,508,776	40.41%
6	Polyethers, epoxides and polyesters, primary forms	\$585,261,988	20.97%
7	Chemical wood pulp, not dissolving grade	\$538,032,991	14.43%
8	Misc. cellulose and chemical derivatives	\$486,920,207	24.20%
9	Rum, gin, vodka, other liquors	\$480,674,638	7.58%
10	Aircraft engines, engine parts	\$459,615,636	-12.96%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Charleston imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$50,248,813,857</b>	<b>6.65%</b>
1	Aircraft, parts	\$4,066,256,607	59.48%
2	Motor vehicle parts	\$3,041,862,463	-13.69%
3	Medicines in individual dosages	\$1,978,143,304	-16.43%
4	Motor vehicle engines	\$1,563,024,349	-10.01%
5	Rubber tires	\$1,101,133,158	0.84%
6	Diesel engines	\$857,260,077	-10.46%
7	Compressors and pumps	\$685,072,893	8.34%
8	Pumps for dispensing liquids	\$654,933,192	-1.61%
9	Taps, cocks and valves for pipes, tanks	\$654,437,099	9.05%
10	Saws, drills and other hand tools	\$624,493,702	19.25%

Source: WorldCity analysis of U.S. Census Bureau data

## El Paso sets record in 2018 for ninth straight year

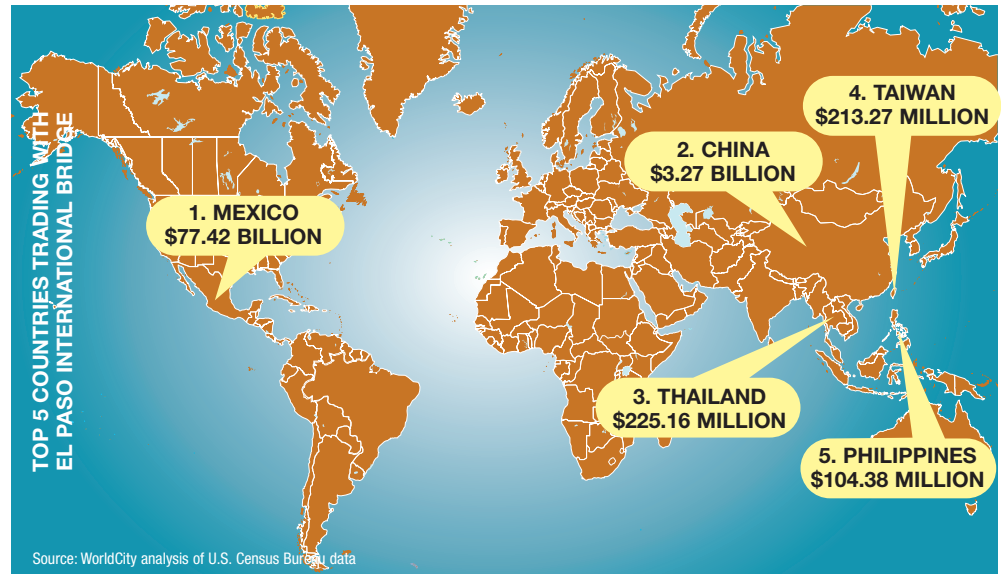
The border crossing at El Paso set a record for trade in 2018 for the ninth straight year, the longest-running streak among the nation's top 20 airports, seaports and border crossings. The 2018 total was \$81.88 billion, the first time above \$80 billion and a far cry from the \$57.12 billion total of 2010, when the run of record years began.

**COUNTRIES:** Like most U.S. border crossings with Mexico and Canada, El Paso's trade is dominated by one country. Mexico accounted for 94.54 percent of all El Paso trade, largely crossing the portion of the Bridge of the Americas set aside for truck traffic.

**EXPORTS:** Exports grew almost twice as rapidly as imports in 2018, with a \$1.49 billion increase in the value of gasoline and other fuel exports.

**IMPORTS:** Computer imports increased \$1.78 billion in 2018.

**BALANCE OF TRADE:** El Paso's deficit in 2018 was \$17.22 billion, down slightly from the previous year. **WC**



Top 20 countries trading with El Paso International Bridge

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM EL PASO	IMPORTS TO EL PASO	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$81,884,079,264</b>	<b>7.66%</b>	<b>\$32,331,981,738</b>	<b>\$49,552,097,526</b>	<b>(\$17,220,115,788)</b>
1	Mexico	\$77,415,027,412	9.81%	\$32,282,638,829	\$45,132,388,583	(\$12,849,749,754)
2	China	\$3,272,537,039	-24.57%	\$3,545,459	\$3,268,991,580	(\$3,265,446,121)
3	Thailand	\$225,162,821	39.34%	\$117,903	\$225,044,918	(\$224,927,015)
4	Taiwan	\$213,272,357	8.86%	\$936,585	\$212,335,772	(\$211,399,187)
5	Philippines	\$104,377,861	58.46%	\$437,998	\$103,939,863	(\$103,501,865)
6	South Korea	\$89,334,101	-46.57%	\$1,606,918	\$87,727,183	(\$86,120,265)
7	Malaysia	\$87,945,620	-17.42%	\$725,550	\$87,220,070	(\$86,494,520)
8	Germany	\$86,837,544	0.91%	\$1,754,792	\$85,082,752	(\$83,327,960)
9	Japan	\$65,333,424	2.53%	\$2,350,294	\$62,983,130	(\$60,632,836)
10	Dominican Republic	\$36,046,417	8.40%	\$4,887	\$36,041,530	(\$36,036,643)
11	Indonesia	\$34,517,762	183.01%	\$127,123	\$34,390,639	(\$34,263,516)
12	India	\$25,076,345	-1.51%	\$343,413	\$24,733,332	(\$24,389,919)
13	Czech Republic	\$22,060,264	6.55%	\$1,952,735	\$20,107,529	(\$18,154,794)
14	Singapore	\$21,175,198	-39.28%	\$1,617,380	\$19,557,818	(\$17,940,438)
15	France	\$19,128,517	-15.56%	\$338,259	\$18,790,258	(\$18,451,999)
16	Canada	\$17,082,567	-17.06%	\$591,150	\$16,491,417	(\$15,900,267)
17	Finland	\$15,267,731	3.14%	\$45,113	\$15,222,618	(\$15,177,505)
18	Vietnam	\$11,088,157	52.01%	\$8,631,379	\$2,456,778	\$6,174,601
19	Italy	\$10,128,491	-72.59%	\$184,021	\$9,944,470	(\$9,760,449)
20	Israel	\$8,569,605	-51.37%	\$189,376	\$8,380,229	(\$8,190,853)

Source: WorldCity analysis of U.S. Census Bureau data

Top El Paso International Bridge exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$32,331,981,738</b>	<b>10.94%</b>
1	Computer parts	\$2,237,884,883	2.53%
2	Gasoline, other fuels	\$2,122,438,263	237.53%
3	Computer chips	\$2,116,970,684	20.79%
4	Computers	\$1,260,750,922	14.41%
5	Electrical supplies, apparatus, less than 1000V	\$1,242,106,287	9.42%
6	Insulated wire, cable	\$1,117,455,458	-0.66%
7	Medical instruments for surgeons, dentists, vets	\$1,027,565,578	2.28%
8	TVs, computer monitors	\$732,059,679	-8.40%
9	Parts for electrical supplies	\$670,509,898	-4.14%
10	Misc. plastic articles	\$650,541,567	0.30%

Source: WorldCity analysis of U.S. Census Bureau data

Top El Paso International Bridge imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$49,552,097,526</b>	<b>5.62%</b>
1	Computers	\$8,164,063,940	27.91%
2	Motor vehicles for transporting people	\$4,655,324,843	7.13%
3	Insulated wire, cable	\$4,463,139,044	12.84%
4	Cell phones, related equipment	\$4,146,346,197	-19.23%
5	Medical instruments for surgeons, dentists, vets	\$2,368,209,066	9.79%
6	Motor vehicle parts	\$1,933,437,600	14.01%
7	Seats, excluding barber, dental	\$1,456,673,428	-2.74%
8	Commercial vehicles	\$1,334,284,706	-30.12%
9	Diesel engines	\$1,187,883,067	-1.90%
10	Electrical boards, panels and switches	\$926,881,072	8.30%

Source: WorldCity analysis of U.S. Census Bureau data

## Buffalo one of only two ports where trade fell

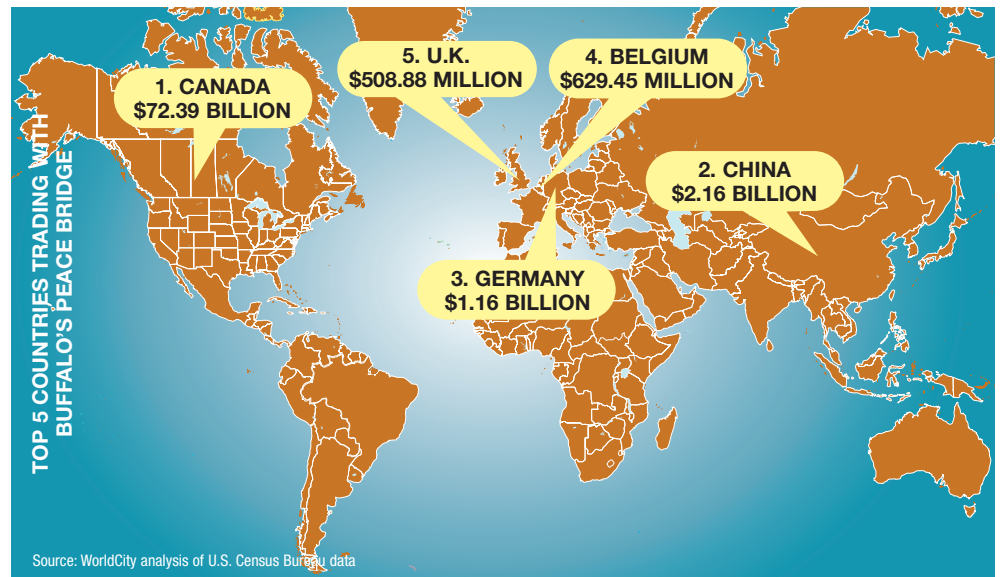
Eighteen of the top 20 "ports" registered increases in trade in 2018. Buffalo's Peace Bridge was not one of them, its trade falling \$912.10 million to \$80.95 billion. (The other decrease was Detroit's Ambassador Bridge, where trade fell \$16.15 million, equal to 0.01 percent.) Buffalo's trade has fallen 12.94 percent since the record-setting total of \$92.97 billion in 2014. U.S. trade has increased 5.75 percent in that time.

**COUNTRIES:** For the first time, Canada accounted for less than 90 percent of all Buffalo trade, its 2018 market share at 89.43 percent.

**EXPORTS:** Exports of cigarettes and cigars topped \$1 billion for the first time in 2018. Most of the exports were cigarettes.

**IMPORTS:** Motor vehicles dominate Buffalo imports and those fell \$1.34 billion in 2018 to \$7.05 billion, two years after topping \$10 billion.

**BALANCE OF TRADE:** Buffalo ran a surplus for the 10th straight year. **WC**



Top 20 countries trading with Buffalo's Peace Bridge

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM BUFFALO	IMPORTS TO BUFFALO	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$80,945,176,116</b>	<b>-1.11%</b>	<b>\$42,018,608,416</b>	<b>\$38,926,567,700</b>	<b>\$3,092,040,716</b>
1	Canada	\$72,393,120,299	-3.51%	\$37,641,205,009	\$34,751,915,290	\$2,889,289,719
2	China	\$2,164,381,742	5.21%	\$286,973,398	\$1,877,408,344	(\$1,590,434,946)
3	Germany	\$1,158,046,516	14.74%	\$814,773,106	\$343,273,410	\$471,499,696
4	Belgium	\$629,448,171	83.16%	\$607,410,015	\$22,038,156	\$585,371,859
5	United Kingdom	\$508,879,359	66.34%	\$379,965,031	\$128,914,328	\$251,050,703
6	Italy	\$424,908,896	32.09%	\$203,420,424	\$221,488,472	(\$18,068,048)
7	Japan	\$416,868,676	-6.20%	\$295,410,265	\$121,458,411	\$173,951,854
8	France	\$356,870,284	90.67%	\$234,623,387	\$122,246,897	\$112,376,490
9	The Netherlands	\$233,227,944	66.88%	\$209,718,002	\$23,509,942	\$186,208,060
10	South Korea	\$226,234,176	43.73%	\$148,977,738	\$77,256,438	\$71,721,300
11	Russia	\$182,277,813	32.66%	\$173,638,557	\$8,639,256	\$164,999,301
12	Mexico	\$162,828,833	10.04%	\$2,810,121	\$160,018,712	(\$157,208,591)
13	Czech Republic	\$152,802,505	52.73%	\$106,621,518	\$46,180,987	\$60,440,531
14	Taiwan	\$151,746,724	14.20%	\$32,784,976	\$118,961,748	(\$86,176,772)
15	Australia	\$137,422,253	70.67%	\$123,824,778	\$13,597,475	\$110,227,303
16	Poland	\$135,108,519	4.75%	\$84,337,361	\$50,771,158	\$33,566,203
17	Sweden	\$117,494,345	92.53%	\$90,633,054	\$26,861,291	\$63,771,763
18	Switzerland	\$107,042,787	145.31%	\$19,911,127	\$87,131,660	(\$67,220,533)
19	Austria	\$83,939,047	26.45%	\$26,375,614	\$57,563,433	(\$31,187,819)
20	Spain	\$82,201,807	25.31%	\$64,774,119	\$17,427,688	\$47,346,431

Source: WorldCity analysis of U.S. Census Bureau data

Top Buffalo's Peace Bridge exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$42,018,608,416</b>	<b>-1.72%</b>
1	Commercial vehicles	\$2,958,716,749	-2.67%
2	Motor vehicles for transporting people	\$2,167,990,912	-6.74%
3	Motor vehicle parts	\$1,024,270,513	4.04%
4	Cigars, cigarettes	\$1,014,581,702	27.82%
5	Medical instruments for surgeons, dentists, vets	\$855,425,993	9.83%
6	Medicines in individual dosages	\$826,673,480	1.96%
7	Tractors	\$652,328,397	61.78%
8	Civilian aircraft, parts	\$619,438,634	2.55%
9	Make-up and skin-care products	\$571,260,090	3.17%
10	Computers	\$532,295,543	-54.26%

Source: WorldCity analysis of U.S. Census Bureau data

Top Buffalo's Peace Bridge imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$38,926,567,700</b>	<b>-0.46%</b>
1	Motor vehicles for transporting people	\$7,051,321,045	-15.97%
2	Returned exports, no change	\$1,738,996,661	14.00%
3	Petroleum gases, other gaseous hydrocarbons	\$1,402,310,251	-9.93%
4	Medicines in individual dosages	\$1,151,964,683	19.89%
5	Oil	\$1,083,208,470	13.00%
6	Bread, pastry, cakes	\$799,843,027	13.11%
7	Furniture, parts	\$652,209,611	3.41%
8	Commercial vehicles	\$496,523,462	391.06%
9	Electrical energy	\$449,301,468	8.62%
10	Defense-related aircraft, parts	\$419,991,595	-13.55%

Source: WorldCity analysis of U.S. Census Bureau data

## Port of Virginia sets 2nd record on import strength

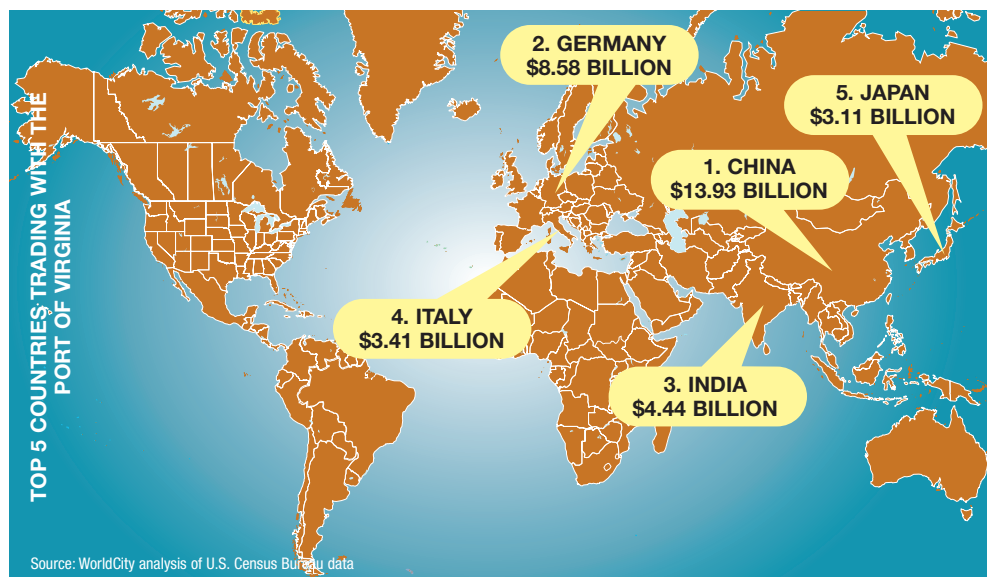
Port of Virginia set a record for total trade for the second consecutive year, reaching \$73.83 billion on a narrow 0.98 percent increase over the previous year.

**COUNTRIES:** Nine of the top 20 trade partners set records for trade with the Port of Virginia in 2018: Germany, India, Italy, Austria, Spain, Vietnam, South Korea, Thailand and Taiwan.

**EXPORTS:** Motor vehicle part exports declined \$835.15 million in 2018, after a big increase in 2017. But the total is up \$106.53 million from 2016.

**IMPORTS:** Port of Virginia imports of medicines in individual dosages increased \$828.40 million in 2018; the value has doubled in just three years. About one-third of these are alkaloids, which are largely derived from plants and include such medicines as steroids, morphine and ephedrine.

**BALANCE OF TRADE:** The Port of Virginia's trade deficit increased to \$24.66 billion in 2018. **WC**



Top 20 countries trading with the Port of Virginia

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM VIRGINIA	IMPORTS TO VIRGINIA	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$73,827,406,077</b>	<b>0.98%</b>	<b>\$24,582,788,009</b>	<b>\$49,244,618,068</b>	<b>(\$24,661,830,059)</b>
1	China	\$13,929,719,592	-2.35%	\$2,221,583,026	\$11,708,136,566	(\$9,486,553,540)
2	Germany	\$8,583,483,598	11.39%	\$1,320,282,762	\$7,263,200,836	(\$5,942,918,074)
3	India	\$4,441,438,473	21.30%	\$1,051,972,754	\$3,389,465,719	(\$2,337,492,965)
4	Italy	\$3,406,623,440	13.61%	\$590,262,577	\$2,816,360,863	(\$2,226,098,286)
5	Japan	\$3,108,994,989	-1.22%	\$1,169,378,643	\$1,939,616,346	(\$770,237,703)
6	United Kingdom	\$2,760,960,900	-2.67%	\$1,376,617,772	\$1,384,343,128	(\$7,225,356)
7	Brazil	\$2,439,134,025	-33.11%	\$976,104,334	\$1,463,029,691	(\$486,925,357)
8	The Netherlands	\$2,139,889,054	4.33%	\$1,379,182,674	\$760,706,380	\$618,476,294
9	Belgium	\$2,114,891,471	-6.88%	\$1,724,685,909	\$390,205,562	\$1,334,480,347
10	France	\$2,003,436,583	-1.30%	\$391,704,186	\$1,611,732,397	(\$1,220,028,211)
11	Austria	\$1,952,411,472	14.24%	\$854,713,096	\$1,097,698,376	(\$242,985,280)
12	Spain	\$1,938,401,045	11.34%	\$982,092,872	\$956,308,173	\$25,784,699
13	Vietnam	\$1,854,472,890	4.71%	\$383,131,866	\$1,471,341,024	(\$1,088,209,158)
14	Malaysia	\$1,728,679,015	-6.63%	\$333,360,305	\$1,395,318,710	(\$1,061,958,405)
15	South Korea	\$1,284,258,875	3.21%	\$619,783,292	\$664,475,583	(\$44,692,291)
16	Indonesia	\$1,228,661,093	-7.66%	\$539,280,435	\$689,380,658	(\$150,100,223)
17	Turkey	\$1,220,772,735	3.72%	\$256,757,648	\$964,015,087	(\$707,257,439)
18	Switzerland	\$1,017,266,756	-20.15%	\$282,382,237	\$734,884,519	(\$452,502,282)
19	Thailand	\$1,012,403,219	7.00%	\$413,384,552	\$599,018,667	(\$185,634,115)
20	Taiwan	\$979,666,297	6.75%	\$432,460,002	\$547,206,295	(\$114,746,293)

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Virginia exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$24,582,788,009</b>	<b>-9.14%</b>
1	Vaccines, plasma, other blood "fractions"	\$1,883,127,271	8.44%
2	Soybeans	\$1,044,700,239	11.46%
3	Raw tobacco	\$788,566,713	-0.12%
4	Chemical wood pulp, not dissolving grade	\$645,219,618	2.93%
5	Motor vehicle parts	\$590,715,961	-58.57%
6	Wood, sawed or chipped, greater than 6 meters thick	\$524,019,493	-12.04%
7	Nonelectric rail locomotives, tenders	\$410,556,810	-25.68%
8	Nylon, polyester, other polyamides	\$387,551,816	3.95%
9	Soybean oilcake, other solid residue, not ground	\$355,088,432	33.10%
10	Misc. chemical reaction initiators, accelerators	\$297,769,759	0.99%

Source: WorldCity analysis of U.S. Census Bureau data

Top Port of Virginia imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$49,244,618,068</b>	<b>6.93%</b>
1	Medicines in individual dosages	\$3,077,061,896	36.84%
2	Printers, all types, parts	\$2,091,753,011	-7.05%
3	Motor vehicle parts	\$1,560,104,012	12.25%
4	Furniture, parts	\$1,380,618,081	5.40%
5	Toys, children's bicycles, games	\$879,957,189	5.52%
6	Seats, excluding barber, dental	\$878,147,933	7.51%
7	Raw tobacco	\$564,430,607	11.24%
8	Linens for bed, bath and kitchen	\$542,036,741	8.37%
9	Engine parts	\$540,750,947	-8.47%
10	Taps, cocks and valves for pipes, tanks	\$540,098,755	32.05%

Source: WorldCity analysis of U.S. Census Bureau data

## 2018 was third record year in row for San Francisco

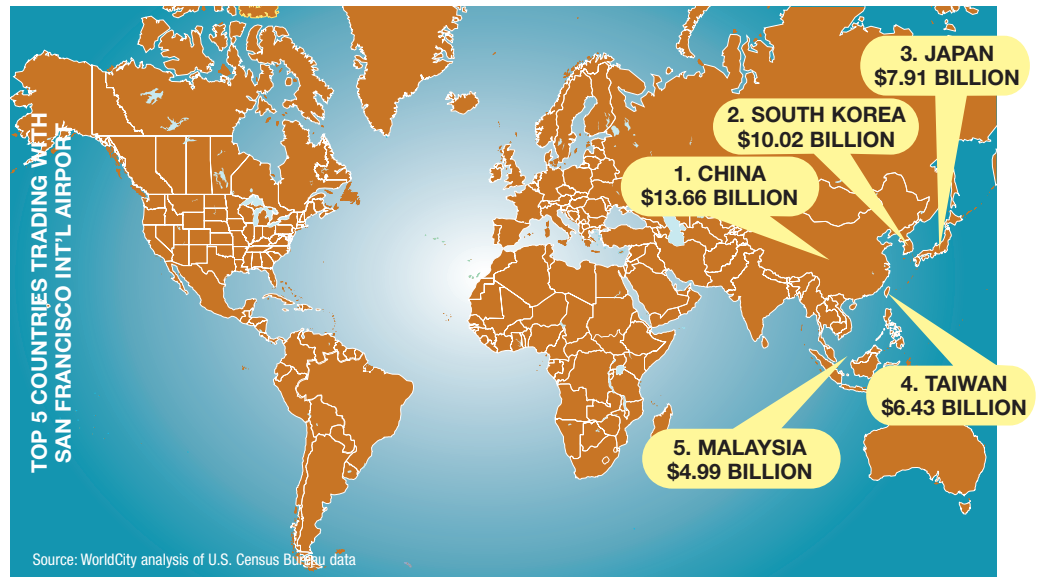
San Francisco International Airport's trade with the world set a record for the third consecutive year, reaching \$66.39 billion in 2018. It's three-year growth rate of 25.28 percent is second among the top 20 to only Cleveland Hopkins International Airport, where trade is up 27.46 percent since 2015. Data for San Francisco International Airport likely includes data for Oakland International Airport as well.

**COUNTRIES:** South Korea's trade with San Francisco grew the most in 2018, just under \$1.3 billion, while trade with Germany, India and Vietnam grew more rapidly among the top 20.

**EXPORTS:** Exports of computer chips grew \$400.74 million in 2018, helping counteract a \$518.81 million decline in the top export, machinery used to make semiconductors.

**IMPORTS:** Computer parts and computers grew sharply in 2018.

**BALANCE OF TRADE:** The airport's deficit was \$6.67 billion in 2018. **wc**



Top 20 countries trading with San Francisco Int'l Airport

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM SAN FRANCISCO	IMPORTS TO SAN FRANCISCO	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$66,387,499,871</b>	<b>4.73%</b>	<b>\$29,856,834,609</b>	<b>\$36,530,665,262</b>	<b>(\$6,673,830,653)</b>
1	China	\$13,659,667,519	5.33%	\$4,519,139,501	\$9,140,528,018	(\$4,621,388,517)
2	South Korea	\$10,016,564,611	14.89%	\$4,248,535,522	\$5,768,029,089	(\$1,519,493,567)
3	Japan	\$7,906,123,857	0.49%	\$3,539,904,633	\$4,366,219,224	(\$826,314,591)
4	Taiwan	\$6,434,162,237	12.77%	\$2,976,441,478	\$3,457,720,759	(\$481,279,281)
5	Malaysia	\$4,988,160,609	-12.89%	\$739,272,945	\$4,248,887,664	(\$3,509,614,719)
6	Singapore	\$4,280,015,988	-6.26%	\$2,386,599,237	\$1,893,416,751	\$493,182,486
7	Germany	\$2,662,544,445	18.27%	\$1,397,201,689	\$1,265,342,756	\$131,858,933
8	Hong Kong	\$1,919,567,278	4.22%	\$1,747,896,474	\$171,670,804	\$1,576,225,670
9	Thailand	\$1,655,166,110	13.98%	\$552,655,277	\$1,102,510,833	(\$549,855,556)
10	Switzerland	\$1,360,117,214	13.79%	\$868,863,496	\$491,253,718	\$377,609,778
11	The Netherlands	\$1,203,874,688	11.14%	\$1,027,181,976	\$176,692,712	\$850,489,264
12	United Kingdom	\$1,170,292,100	10.85%	\$725,015,536	\$445,276,564	\$279,738,972
13	Philippines	\$1,169,204,241	-2.22%	\$314,409,647	\$854,794,594	(\$540,384,947)
14	Australia	\$862,974,108	-6.82%	\$607,541,692	\$255,432,416	\$352,109,276
15	Mexico	\$774,951,826	10.54%	\$659,630,912	\$115,320,914	\$544,309,998
16	France	\$751,070,151	6.53%	\$376,472,611	\$374,597,540	\$1,875,071
17	Israel	\$693,090,148	2.18%	\$251,418,158	\$441,671,990	(\$190,253,832)
18	Ireland	\$633,645,660	-8.73%	\$383,613,524	\$250,032,136	\$133,581,388
19	India	\$495,345,521	20.36%	\$298,116,120	\$197,229,401	\$100,886,719
20	Vietnam	\$400,854,892	34.05%	\$224,875,371	\$175,979,521	\$48,895,850

Source: WorldCity analysis of U.S. Census Bureau data

Top San Francisco Int'l Airport exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$29,856,834,609</b>	<b>2.12%</b>
1	Machinery, parts for semiconductor manufacturing	\$7,133,454,308	-6.78%
2	Computer chips	\$3,165,214,075	14.50%
3	Cell phones, related equipment	\$1,712,454,082	-7.76%
4	Computers	\$1,626,547,932	6.86%
5	Computer parts	\$1,578,666,618	17.22%
6	Medical technology	\$1,116,102,344	15.67%
7	Vaccines, plasma, other blood "fractions"	\$1,046,506,886	-8.41%
8	Photo-sensitive semi-conductors, parts	\$955,254,768	-7.25%
9	Medical equipment for physicals	\$861,114,939	-6.04%
10	Medical instruments for surgeons, dentists, vets	\$856,347,289	-10.81%

Source: WorldCity analysis of U.S. Census Bureau data

Top San Francisco Int'l Airport imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$36,530,665,262</b>	<b>6.97%</b>
1	Computer chips	\$6,852,262,717	1.14%
2	Computer parts	\$6,493,555,951	41.42%
3	Cell phones, related equipment	\$3,040,793,852	-30.62%
4	Computers	\$2,890,056,830	32.17%
5	Machinery, parts for semiconductor manufacturing	\$1,962,418,082	9.79%
6	Returned exports, no change	\$1,928,684,034	4.20%
7	Unrecorded media for audio	\$1,017,105,012	22.09%
8	Vaccines, plasma, other blood "fractions"	\$758,028,363	-19.34%
9	Medical instruments for surgeons, dentists, vets	\$746,881,776	10.52%
10	Photo-sensitive semi-conductors, parts	\$729,447,861	-3.84%

Source: WorldCity analysis of U.S. Census Bureau data

## Anchorage airport tops \$60 billion for second year

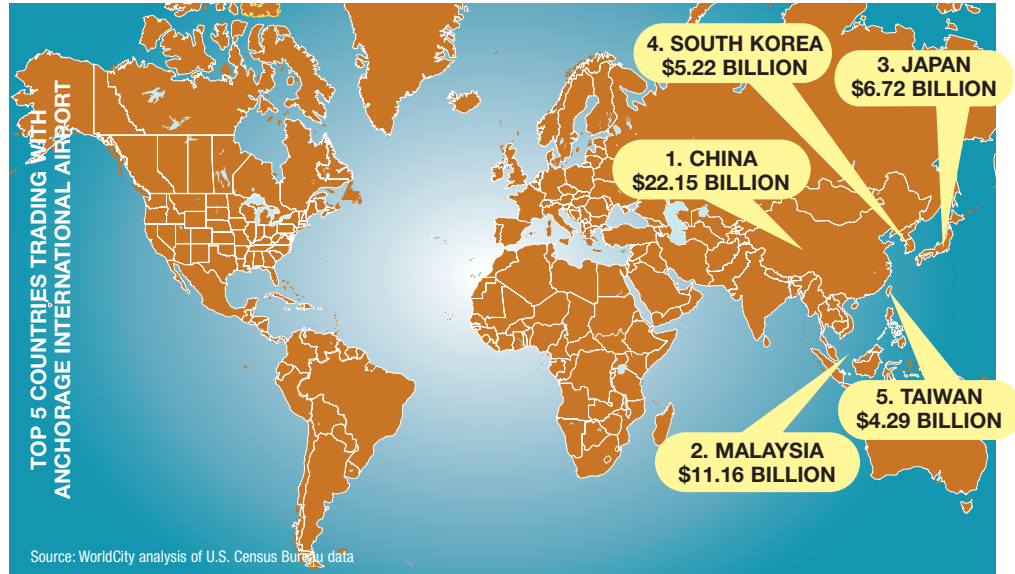
Anchorage International Airport's trade with the world topped \$60 billion for the second consecutive year, the 2018 total a record \$65.84 billion. Over five years, its trade has increased 39.58 percent, third among the top 20 ports after Cleveland Hopkins International Airport and the Port of Savannah, both of which have topped 40 percent in that time span.

**COUNTRIES:** China accounted for 33.65 percent of all trade with Anchorage, the fifth consecutive year it has been in that range. In 2013, China accounted for 46.99 percent of all trade.

**EXPORTS:** Eight of the top 10 exports increased in value, with six increasing in double digits.

**IMPORTS:** Computer chips imports, Anchorage's first \$10 billion import, have increased in value 202.14 percent over the last five years.

**BALANCE OF TRADE:** Anchorage International Airport's 2018 trade deficit was \$23.56 billion. **wc**



Top 20 countries trading with Anchorage International Airport

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM ANCHORAGE	IMPORTS TO ANCHORAGE	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$65,836,631,456</b>	<b>7.73%</b>	<b>\$21,140,398,665</b>	<b>\$44,696,232,791</b>	<b>(\$23,555,834,126)</b>
1	China	\$22,154,284,490	-2.13%	\$3,886,653,012	\$18,267,631,478	(\$14,380,978,466)
2	Malaysia	\$11,161,270,147	3.96%	\$1,075,000,003	\$10,086,270,144	(\$9,011,270,141)
3	Japan	\$6,724,184,329	11.11%	\$4,419,427,249	\$2,304,757,080	\$2,114,670,169
4	South Korea	\$5,219,187,493	25.22%	\$1,747,472,497	\$3,471,714,996	(\$1,724,242,499)
5	Taiwan	\$4,290,221,813	11.35%	\$1,132,456,966	\$3,157,764,847	(\$2,025,307,881)
6	Hong Kong	\$3,934,768,608	19.55%	\$3,419,724,124	\$515,044,484	\$2,904,679,640
7	Singapore	\$3,614,743,031	46.44%	\$1,680,811,101	\$1,933,931,930	(\$253,120,829)
8	Thailand	\$2,439,533,499	6.35%	\$844,300,146	\$1,595,233,353	(\$750,933,207)
9	Philippines	\$2,321,324,224	19.64%	\$662,629,729	\$1,658,694,495	(\$996,064,766)
10	Canada	\$746,706,305	-0.90%	\$511,793,596	\$234,912,709	\$276,880,887
11	Vietnam	\$688,994,732	-3.35%	\$104,618,602	\$584,376,130	(\$479,757,528)
12	Germany	\$275,868,143	19.64%	\$218,349,386	\$57,518,757	\$160,830,629
13	The Netherlands	\$264,267,427	14.34%	\$252,967,751	\$11,299,676	\$241,668,075
14	Australia	\$241,450,060	-36.56%	\$186,845,390	\$54,604,670	\$132,240,720
15	France	\$210,020,017	45.35%	\$82,384,867	\$127,635,150	(\$45,250,283)
16	Spain	\$173,491,350	3.47%	\$172,615,701	\$875,649	\$171,740,052
17	Indonesia	\$160,786,144	39.66%	\$75,766,109	\$85,020,035	(\$9,253,926)
18	British Virgin Islands	\$135,369,003	576.80%	\$135,337,573	\$31,430	\$135,306,143
19	India	\$132,073,739	19.06%	\$25,700,687	\$106,373,052	(\$80,672,365)
20	United Kingdom	\$118,372,014	73.50%	\$33,423,607	\$84,948,407	(\$51,524,800)

Source: WorldCity analysis of U.S. Census Bureau data

### Top Anchorage International Airport exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$21,140,398,665</b>	<b>9.29%</b>
1	Civilian aircraft, parts	\$2,747,462,852	9.08%
2	Cell phones, related equipment	\$2,160,247,921	4.28%
3	Computer chips	\$1,822,825,713	16.52%
4	Frozen fish	\$1,268,677,767	-1.30%
5	Zinc ores and concentrates	\$1,110,090,478	-3.15%
6	Fish fillets, chilled or frozen	\$833,233,957	11.59%
7	Medical instruments for surgeons, dentists, vets	\$805,759,644	22.23%
8	Orthopedic appliances, artificial body parts	\$729,530,198	31.44%
9	Photo-sensitive semi-conductors, parts	\$579,510,368	38.79%
10	Electrical supplies, apparatus, less than 1000V	\$429,818,999	19.57%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Anchorage International Airport imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$44,696,232,791</b>	<b>7.00%</b>
1	Computer chips	\$10,086,004,703	4.61%
2	Computer parts	\$5,972,129,271	15.55%
3	Computers	\$4,443,569,097	0.11%
4	Cell phones, related equipment	\$4,120,911,750	-15.36%
5	Unrecorded media for audio	\$3,636,685,341	-15.14%
6	Returned exports, no change	\$1,703,824,945	33.99%
7	Vaccines, plasma, other blood "fractions"	\$1,294,417,565	2,255%
8	Photo-sensitive semi-conductors, parts	\$940,410,649	26.46%
9	Gasoline, other fuels	\$881,563,071	45.74%
10	Medical technology	\$713,025,427	11.36%

Source: WorldCity analysis of U.S. Census Bureau data



## Cleveland sets record, continues rapid growth

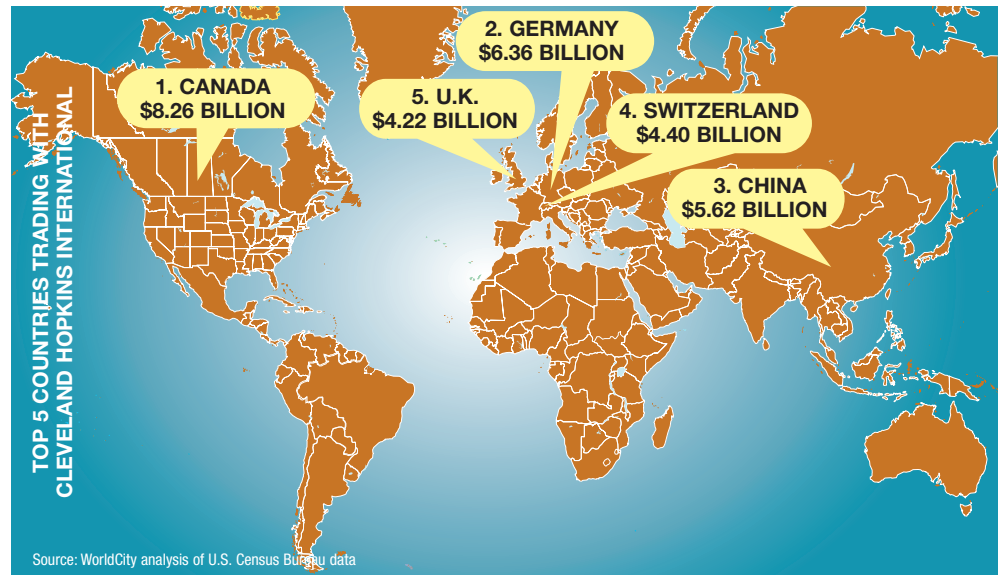
Cleveland Hopkins International Airport topped \$60 billion in two-way trade for the first time in 2018, setting a record at \$64.40 billion. Its three-year growth rate, 27.46 percent, and five-year growth rate, 41.76 percent, are the fastest among the nation's top 20 ports. Its 2018 rank of No. 19 nationally is its highest ranking to date.

**COUNTRIES:** Trade with Germany and Switzerland each increased more than \$1 billion in 2018, with France's trade increasing \$996.45 million.

**EXPORTS:** Exports in the civilian aircraft category increased \$965.35 million while exports in the category of vaccines, plasma and other blood "fractions" tumbled \$831.50 million, falling from the fourth-ranked export to No. 11.

**IMPORTS:** Imports of medicines in individual doses increased \$1.03 billion in 2018 and are up \$6.39 billion in the last two years.

**BALANCE OF TRADE:** Cleveland had a record \$8.59 billion surplus in 2018. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 countries trading with the Cleveland Hopkins International

RANK	COUNTRY	2018 TOTAL TRADE		CHANGE	EXPORTS FROM CLEVELAND	IMPORTS TO CLEVELAND	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$64,395,389,720</b>		<b>10.41%</b>	<b>\$36,490,789,083</b>	<b>\$27,904,600,637</b>	<b>\$8,586,188,446</b>
1	Canada	\$8,263,228,275		-2.12%	\$5,202,262,663	\$3,060,965,612	\$2,141,297,051
2	Germany	\$6,361,868,650		31.79%	\$3,810,434,717	\$2,551,433,933	\$1,259,000,784
3	China	\$5,622,403,488		12.64%	\$1,353,521,267	\$4,268,882,221	(\$2,915,360,954)
4	Switzerland	\$4,400,722,366		31.93%	\$834,255,363	\$3,566,467,003	(\$2,732,211,640)
5	United Kingdom	\$4,222,598,206		-0.46%	\$2,474,013,884	\$1,748,584,322	\$725,429,562
6	France	\$3,792,308,308		35.64%	\$2,541,446,085	\$1,250,862,223	\$1,290,583,862
7	Singapore	\$2,927,475,002		15.77%	\$2,346,205,014	\$581,269,988	\$1,764,935,026
8	Malaysia	\$2,326,250,832		-14.53%	\$1,534,950,106	\$791,300,726	\$743,649,380
9	Japan	\$2,158,255,224		-0.12%	\$719,519,433	\$1,438,735,791	(\$719,216,358)
10	The Netherlands	\$2,029,413,574		3.04%	\$1,638,645,028	\$390,768,546	\$1,247,876,482
11	Ireland	\$2,025,398,921		-15.79%	\$1,338,782,298	\$686,616,623	\$652,165,675
12	Mexico	\$2,016,196,265		9.69%	\$991,152,144	\$1,025,044,121	(\$33,891,977)
13	Italy	\$1,730,647,805		20.23%	\$912,720,707	\$817,927,098	\$94,793,609
14	Taiwan	\$1,466,607,759		-0.88%	\$818,301,912	\$648,305,847	\$169,996,065
15	Hong Kong	\$1,204,749,071		11.03%	\$1,052,952,069	\$151,797,002	\$901,155,067
16	India	\$1,091,120,539		7.64%	\$522,160,302	\$568,960,237	(\$46,799,935)
17	South Korea	\$1,050,561,132		2.93%	\$614,765,029	\$435,796,103	\$178,968,926
18	United Arab Emirates	\$965,787,250		24.15%	\$784,044,273	\$181,742,977	\$602,301,296
19	Austria	\$743,941,592		56.21%	\$191,082,834	\$552,858,758	(\$361,775,924)
20	Sweden	\$704,962,246		13.97%	\$311,061,246	\$393,901,000	(\$82,839,754)

Source: WorldCity analysis of U.S. Census Bureau data

### Top Cleveland Hopkins Int'l exports in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$36,490,789,083</b>	<b>9.99%</b>
1	Civilian aircraft, parts	\$6,849,448,336	16.41%
2	Computer chips	\$3,188,439,350	9.65%
3	Cell phones, related equipment	\$1,652,060,527	2.80%
4	Orthopedic appliances, artificial body parts	\$1,335,530,370	1.42%
5	Medical instruments for surgeons, dentists, vets	\$1,328,774,201	2.56%
6	Computers	\$1,230,670,197	4.42%
7	Photo-sensitive semi-conductors, parts	\$989,636,523	7.15%
8	Value added to a returned import	\$876,466,704	15.85%
9	Electrical supplies, apparatus, less than 1000V	\$733,932,588	24.43%
10	Taps, cocks and valves for pipes, tanks	\$668,898,912	27.95%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Cleveland Hopkins Int'l imports in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$27,904,600,637</b>	<b>10.96%</b>
1	Medicines in individual dosages	\$2,956,741,482	53.52%
2	Returned exports, no change	\$2,824,804,136	3.56%
3	Cell phones, related equipment	\$2,040,644,518	8.26%
4	Computers	\$1,360,064,738	29.36%
5	Aircraft engines, engine parts	\$1,349,651,499	-13.49%
6	Computer chips	\$1,283,089,479	-19.60%
7	Orthopedic appliances, artificial body parts	\$1,102,582,634	12.15%
8	Medical instruments for surgeons, dentists, vets	\$590,193,553	8.63%
9	Computer parts	\$472,907,986	21.50%
10	Photo-sensitive semi-conductors, parts	\$460,331,546	-3.25%

Source: WorldCity analysis of U.S. Census Bureau data

## MIA trade grows third straight year, 2012 record holds

Miami International Airport's trade increased for the third straight year, topping \$60 billion for the second straight year. The record year for MIA trade was in 2012, with a total of \$70.72 billion. The 2018 total was \$61.78 billion.

**COUNTRIES:** Brazil accounted for 21 percent of all MIA trade in 2018. The last countries to account for more than 10 percent were Colombia as recently as 2015 and Switzerland in 2013.

**EXPORTS:** Civilian aircraft and parts increased \$810.72 million in 2018 while cell phones slipped \$405.09 million and once-high-flying gold declined another \$305.06 million in value.

**IMPORTS:** The leading import, exports that are repaired or enhanced before being returned, are largely tied to the area's aviation-repair business.

**BALANCE OF TRADE:** MIA's trade surplus jumped back over \$10 billion, two years after falling below that total. The 2018 total was \$11.20 billion. **wc**



Top 20 countries trading with Miami International Airport

RANK	COUNTRY	2018 TOTAL TRADE	CHANGE	EXPORTS FROM MIAMI	IMPORTS TO MIAMI	SURPLUS/ (DEFICIT)
	<b>World Total</b>	<b>\$61,775,523,292</b>	<b>1.97%</b>	<b>\$36,488,560,543</b>	<b>\$25,286,962,749</b>	<b>\$11,201,597,794</b>
1	Brazil	\$12,975,349,834	4.80%	\$9,720,177,364	\$3,255,172,470	\$6,465,004,894
2	Colombia	\$4,510,218,291	-7.31%	\$2,813,098,877	\$1,697,119,414	\$1,115,979,463
3	Chile	\$3,979,654,098	4.15%	\$2,489,823,386	\$1,489,830,712	\$999,992,674
4	China	\$3,679,449,707	25.32%	\$996,282,089	\$2,683,167,618	(\$1,686,885,529)
5	Argentina	\$2,433,775,022	-12.30%	\$2,083,250,626	\$350,524,396	\$1,732,726,230
6	Singapore	\$2,420,454,095	50.81%	\$176,741,944	\$2,243,712,151	(\$2,066,970,207)
7	Germany	\$2,220,849,955	15.57%	\$1,013,535,725	\$1,207,314,230	(\$193,778,505)
8	Mexico	\$2,009,068,813	3.72%	\$1,006,446,131	\$1,002,622,682	\$3,823,449
9	Peru	\$1,942,446,491	-15.33%	\$1,350,526,549	\$591,919,942	\$758,606,607
10	Costa Rica	\$1,893,126,615	-1.23%	\$1,079,636,182	\$813,490,433	\$266,145,749
11	Italy	\$1,881,832,415	28.76%	\$1,234,185,354	\$647,647,061	\$586,538,293
12	France	\$1,851,413,978	10.43%	\$449,217,837	\$1,402,196,141	(\$952,978,304)
13	United Kingdom	\$1,773,320,387	66.89%	\$941,235,948	\$832,084,439	\$109,151,509
14	Paraguay	\$1,712,514,619	-10.88%	\$1,696,817,984	\$15,696,635	\$1,681,121,349
15	Switzerland	\$1,517,830,227	-47.96%	\$940,803,202	\$577,027,025	\$363,776,177
16	Ecuador	\$1,162,286,146	6.07%	\$718,026,344	\$444,259,802	\$273,766,542
17	Dominican Republic	\$1,024,507,063	-2.79%	\$496,922,021	\$527,585,042	(\$30,663,021)
18	Spain	\$873,289,641	55.55%	\$153,841,265	\$719,448,376	(\$565,607,111)
19	Panama	\$673,461,765	-1.90%	\$539,200,499	\$134,261,266	\$404,939,233
20	El Salvador	\$636,479,779	6.16%	\$460,312,769	\$176,167,010	\$284,145,759

Source: WorldCity analysis of U.S. Census Bureau data

Top Miami International Airport exports in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$36,488,560,543</b>	<b>3.47%</b>
1 Civilian aircraft, parts	\$7,142,132,068	12.80%
2 Cell phones, related equipment	\$4,230,298,851	-8.74%
3 Computers	\$2,324,479,909	0.80%
4 Gold	\$2,014,530,843	-13.15%
5 Vaccines, plasma, other blood "fractions"	\$1,630,338,068	34.47%
6 Medical instruments for surgeons, dentists, vets	\$1,178,373,796	3.69%
7 Computer chips	\$1,134,425,966	-3.01%
8 Medicines in individual dosages	\$1,022,263,486	16.01%
9 Computer parts	\$700,192,918	2.41%
10 Value added to a returned import	\$695,368,696	33.17%

Source: WorldCity analysis of U.S. Census Bureau data

Top Miami International Airport imports in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$25,286,962,749</b>	<b>-0.12%</b>
1 Returned exports, no change	\$3,217,132,699	7.71%
2 Cell phones, related equipment	\$2,341,080,415	-5.06%
3 Gold	\$2,220,742,812	-28.19%
4 Returned exports, with change	\$1,721,123,493	-13.01%
5 Fish fillets, chilled or frozen	\$1,167,839,965	12.50%
6 Fresh-cut flowers	\$984,070,719	2.51%
7 Vaccines, plasma, other blood "fractions"	\$788,250,381	741.02%
8 Aircraft engines, engine parts	\$749,274,798	40.53%
9 Oxygen-function amino-compounds	\$696,743,769	1.74%
10 Medicines in individual dosages	\$688,025,804	121.05%

Source: WorldCity analysis of U.S. Census Bureau data

# Miami International Airport



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# United States Trade 2018: top 100 trade partners

source: WorldCity analysis of U.S. Census Bureau data

## UNITED STATES

CHANGE FROM 2017

Total Trade	\$4.21 trillion	8.15%
Exports	\$1.66 trillion	7.59%
Imports	\$2.54 trillion	8.53%
Deficit	(\$878.68) billion	

### The Americas

Rank	Country	Trade (\$ billions)
2	Canada	\$617.20
3	Mexico	\$611.54
13	Brazil	\$70.66
27	Colombia	\$28.79
29	Chile	\$26.71
33	Venezuela	\$19.03
34	Peru	\$17.52
37	Argentina	\$14.78
39	Dominican Republic	\$13.87
42	Ecuador	\$12.49
45	Costa Rica	\$11.22
46	Guatemala	\$10.86
47	Honduras	\$10.30
54	Panama	\$7.35
58	El Salvador	\$5.92
60	Trinidad and Tobago	\$5.81
62	Nicaragua	\$5.19
70	Bahamas	\$3.47
73	Jamaica	\$3.10
77	Paraguay	\$2.51
78	Haiti	\$2.38
81	Uruguay	\$1.95
97	Bolivia	\$1.06
100	Cayman Islands	\$0.98

### Africa

Rank	Country	Trade (\$ billions)
38	South Africa	\$13.99
49	Nigeria	\$8.29
53	Egypt	\$7.54
59	Algeria	\$5.87
64	Morocco	\$4.51
72	Angola	\$3.22
82	Ethiopia	\$1.76
83	Libya	\$1.65
85	Cote D'Ivoire	\$1.56
87	Ghana	\$1.37
92	Tunisia	\$1.25
98	Kenya	\$1.01
99	Madagascar	\$1.01



## Europe

Rank	Country	Trade (\$ billions)	Rank	Country	Trade (\$ billions)	Rank	Country	Trade (\$ billions)
5	Germany	\$183.56	36	Sweden	\$15.89	76	Greece	\$2.65
7	United Kingdom	\$127.04	40	Poland	\$13.46	80	Lithuania	\$2.02
8	France	\$88.85	43	Norway	\$12.20	84	Luxembourg	\$1.58
10	Italy	\$77.88	44	Denmark	\$11.46	88	Bulgaria	\$1.36
12	The Netherlands	\$74.00	48	Finland	\$9.04	89	Estonia	\$1.30
14	Ireland	\$68.16	52	Czech Republic	\$8.01	90	Gibraltar	\$1.29
15	Switzerland	\$63.37	55	Hungary	\$6.83	93	Latvia	\$1.24
19	Belgium	\$48.61	61	Portugal	\$5.35	94	Slovenia	\$1.17
25	Spain	\$30.22	65	Slovakia	\$4.45	95	Croatia	\$1.08
28	Russia	\$27.46	67	Ukraine	\$3.82	96	Iceland	\$1.07
35	Austria	\$17.06	69	Romania	\$3.70			

## Asia / Middle East / Oceania

Rank	Country	Trade (\$ billions)	Rank	Country	Trade (\$ billions)	Rank	Country	Trade (\$ billions)
1	China	\$659.84	22	Saudi Arabia	\$37.71	56	Pakistan	\$6.64
4	Japan	\$217.56	23	Israel	\$35.48	57	Qatar	\$5.99
6	South Korea	\$130.63	24	Australia	\$35.43	63	Kuwait	\$5.07
9	India	\$87.53	26	Indonesia	\$29.10	66	Cambodia	\$4.27
11	Taiwan	\$76.00	30	United Arab Emirates	\$24.56	68	Oman	\$3.70
16	Singapore	\$60.40	31	Philippines	\$21.30	71	Jordan	\$3.42
17	Vietnam	\$58.90	32	Turkey	\$20.53	74	Sri Lanka	\$3.05
18	Malaysia	\$52.25	41	Iraq	\$13.19	75	Bahrain	\$3.03
20	Thailand	\$44.49	50	New Zealand	\$8.26	79	Kazakhstan	\$2.11
21	Hong Kong	\$43.77	51	Bangladesh	\$8.21	86	Lebanon	\$1.43
						91	Afghanistan	\$1.26







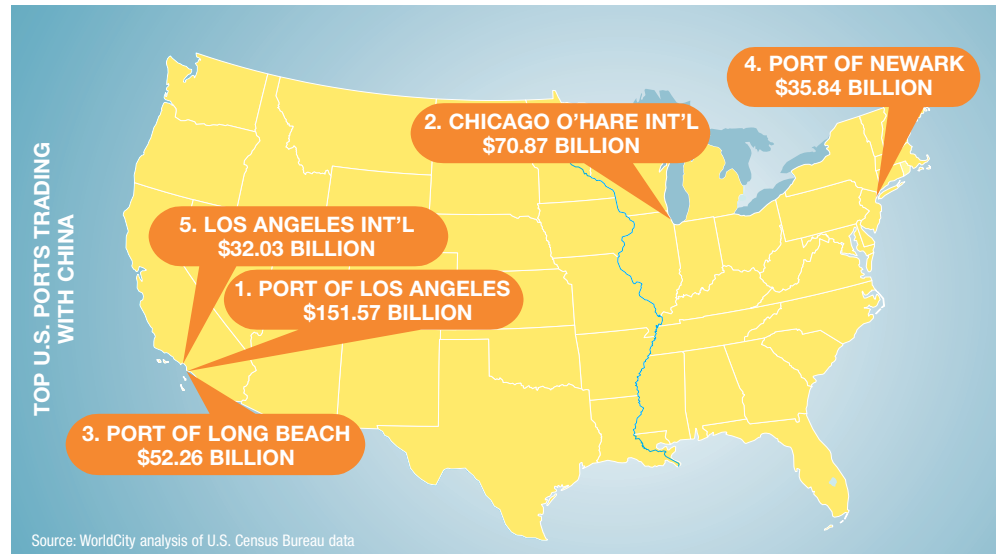
## China-U.S. trade sets a record, nears \$660 billion

China's trade with the United States increased 3.75 percent in 2018, from \$635.97 billion to a record \$659.84 billion.

**EXPORTS:** The U.S. export to China that grew the most in dollar terms in 2018 was civilian aircraft and parts, which increased \$1.96 billion from 2017 to a total of \$18.22 billion in 2018. While it ranks No. 1 as a U.S. export to China, the aircraft and parts category also ranks No. 1 for all U.S. exports to the world.

**IMPORTS:** The leading import, cell phones and related equipment, decreased in value by 0.58 percent, falling to \$71.29 billion. While it ranks No. 1 as a U.S. import from China, it ranks No. 3 for all U.S. imports from the world.

**BALANCE OF TRADE:** The United States ran a \$419.16 billion deficit with China in 2018. In 2017, it ran a \$375.23 billion deficit. For every dollar of trade between the two, 18.2 cents was a U.S. export. The U.S. average with the world is 39.56 percent. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with China

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO CHINA	IMPORTS FROM CHINA	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$659,844,853,383</b>	<b>3.75%</b>	<b>\$120,341,425,641</b>	<b>\$539,503,427,742</b>	<b>(\$419,162,002,101)</b>
1	Port of Los Angeles	\$151,570,635,391	5.70%	\$8,217,482,852	\$143,353,152,539	(\$135,135,669,687)
2	Chicago O'Hare Int'l Airport	\$70,865,955,864	0.71%	\$8,746,877,226	\$62,119,078,638	(\$53,372,201,412)
3	Port of Long Beach	\$52,257,430,828	8.30%	\$8,742,975,113	\$43,514,455,715	(\$34,771,480,602)
4	Port of Newark	\$35,837,372,782	7.08%	\$846,702,917	\$34,990,669,865	(\$34,143,966,948)
5	Los Angeles Int'l Airport	\$32,031,438,026	12.67%	\$8,662,252,834	\$23,369,185,192	(\$14,706,932,358)
6	Port of Savannah	\$28,215,896,836	14.46%	\$3,229,367,489	\$24,986,529,347	(\$21,757,161,858)
7	Anchorage Int'l Airport, AK	\$22,154,284,490	-2.13%	\$3,886,653,012	\$18,267,631,478	(\$14,380,978,466)
8	JFK International Airport	\$18,888,632,225	8.12%	\$4,869,109,674	\$14,019,522,551	(\$9,150,412,877)
9	Port of Tacoma, WA	\$18,741,645,976	-4.40%	\$1,569,617,973	\$17,172,028,003	(\$15,602,410,030)
10	Port of Oakland, CA	\$15,576,134,064	2.41%	\$2,378,135,562	\$13,197,998,502	(\$10,819,862,940)
11	Port of Charleston	\$14,977,546,108	4.03%	\$6,030,649,697	\$8,946,896,411	(\$2,916,246,714)
12	Port of Houston	\$14,825,421,615	12.52%	\$4,623,264,564	\$10,202,157,051	(\$5,578,892,487)
13	Port of Seattle, WA	\$14,803,797,080	19.24%	\$1,703,435,249	\$13,100,361,831	(\$11,396,926,582)
14	Port of Virginia	\$13,929,719,592	-2.35%	\$2,221,583,026	\$11,708,136,566	(\$9,486,553,540)
15	San Francisco Int'l Airport	\$13,659,667,519	5.33%	\$4,519,139,501	\$9,140,528,018	(\$4,621,388,517)
16	DFW International Airport, TX	\$13,069,344,561	-8.56%	\$2,386,495,945	\$10,682,848,616	(\$8,296,352,671)
17	Port of New Orleans	\$10,562,286,519	-10.21%	\$2,870,877,859	\$7,691,408,660	(\$4,820,530,801)
18	Honolulu Int'l Airport, HI	\$9,572,812,453	10.54%	\$8,853,247,831	\$719,564,622	\$8,133,683,209
19	Atlanta Int'l Airport	\$7,982,134,936	16.06%	\$1,592,323,911	\$6,389,811,025	(\$4,797,487,114)
20	Cleveland Hopkins Int'l Airport	\$5,622,403,488	12.64%	\$1,353,521,267	\$4,268,882,221	(\$2,915,360,954)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to China in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$120,341,425,641</b>	<b>-7.69%</b>
1	Civilian aircraft, parts	\$18,222,411,515	12.03%
2	Motor vehicles for transporting people	\$6,679,979,781	-37.10%
3	Computer chips	\$6,097,125,025	15.33%
4	Oil	\$5,392,480,648	21.61%
5	Machinery, parts for semiconductor manufacturing	\$3,729,137,085	45.02%
6	Soybeans	\$3,144,896,635	-74.55%
7	Medical instruments for surgeons, dentists, vets	\$2,785,200,550	13.97%
8	Motor vehicle parts	\$2,411,806,529	5.06%
9	Petroleum gases, other gaseous hydrocarbons	\$1,709,075,461	-29.64%
10	Medical equipment for physicals	\$1,681,374,262	9.41%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from China in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$539,503,427,742</b>	<b>6.71%</b>
1	Cell phones, related equipment	\$71,285,465,002	-0.58%
2	Computers	\$51,785,079,226	2.52%
3	Computer parts	\$16,717,859,124	8.93%
4	Furniture, parts	\$12,519,455,304	10.68%
5	TVs, computer monitors	\$12,492,724,832	8.99%
6	Toys, children's bicycles, games	\$11,928,365,118	-2.54%
7	Motor vehicle parts	\$11,005,462,322	16.77%
8	Seats, excluding barber, dental	\$10,865,472,908	7.23%
9	Lamp and lighting parts	\$7,747,155,784	8.08%
10	Video game consoles	\$6,772,830,872	16.99%

Source: WorldCity analysis of U.S. Census Bureau data





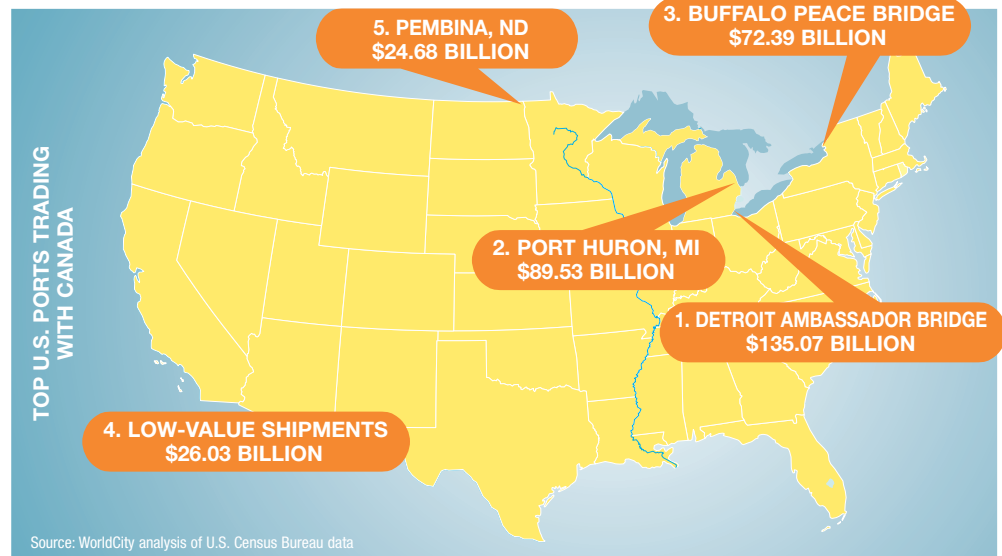
## Oil, gas trade lifts Canada trade above \$600 billion

Canada's trade with the United States increased 5.97 percent in 2018, from \$582.45 billion to \$617.20 billion. The record year for U.S.-Canada trade was 2014, when the total was \$660.22 billion. That remains the U.S. record; it was also the last year Canada conducted more trade with the United States than China.

**EXPORTS:** The U.S. export to Canada that grew the most in 2018 was gasoline and other petroleum-based fuels, which increased \$3.46 billion to \$11.94 billion in 2018. Among the top 10, the commodity that grew the most rapidly was oil, up 52.26 percent.

**IMPORTS:** The U.S. import from Canada that grew the most in dollar terms in 2018 was oil, which increased \$10.72 billion to \$60.84 billion. The most rapid rise, in percentage terms, was with medicines in individual dosages, up 34.74 percent in 2018.

**BALANCE OF TRADE:** The United States ran a \$19.76 billion deficit with Canada in 2018. **wc**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Canada

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO CANADA	IMPORTS FROM CANADA	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$617,200,102,384</b>	<b>5.97%</b>	<b>\$298,719,019,857</b>	<b>\$318,481,082,527</b>	<b>(\$19,762,062,670)</b>
1	Detroit Ambassador Bridge, MI	\$135,073,745,974	0.41%	\$76,279,105,725	\$58,794,640,249	\$17,484,465,476
2	Port Huron, MI	\$89,526,930,081	4.87%	\$43,074,539,794	\$46,452,390,287	(\$3,377,850,493)
3	Buffalo Peace Bridge, NY	\$72,393,120,299	-3.51%	\$37,641,205,009	\$34,751,915,290	\$2,889,289,719
4	Low-value shipments	\$26,025,879,923	3.14%	\$26,025,879,923	\$0	\$26,025,879,923
5	Pembina, ND	\$24,676,671,564	11.88%	\$13,151,938,968	\$11,524,732,596	\$1,627,206,372
6	Rouses Point, NY	\$24,675,419,087	12.03%	\$10,615,740,815	\$14,059,678,272	(\$3,443,937,457)
7	Blaine, WA	\$22,379,947,192	5.99%	\$12,472,115,209	\$9,907,831,983	\$2,564,283,226
8	Portal-N. Portal, ND	\$16,729,043,084	10.72%	\$9,232,185,014	\$7,496,858,070	\$1,735,326,944
9	Port of Alexandria Bay, NY	\$14,761,244,070	6.06%	\$7,084,288,535	\$7,676,955,535	(\$592,667,000)
10	Sweetgrass, MT	\$13,862,444,049	7.74%	\$6,645,784,371	\$7,216,659,678	(\$570,875,307)
11	International Falls, MN	\$13,479,639,502	19.66%	\$3,473,304,164	\$10,006,335,338	(\$6,533,031,174)
12	Chicago O'Hare Int'l Airport	\$13,333,245,905	30.22%	\$98,434,811	\$13,234,811,094	(\$13,136,376,283)
13	Port of New Orleans	\$12,908,855,962	12.45%	\$7,683,992,713	\$5,224,863,249	\$2,459,129,464
14	Port of Peoria, IL	\$12,331,856,788	21.72%	\$1,304,369	\$12,330,552,419	(\$12,329,248,050)
15	Cleveland Hopkins Int'l Airport	\$8,263,228,275	-2.12%	\$5,202,262,663	\$3,060,965,612	\$2,141,297,051
16	Port of Eastport, ID	\$7,029,797,439	9.37%	\$2,181,819,551	\$4,847,977,888	(\$2,666,158,337)
17	Minneapolis-St. Paul Airport, MN	\$5,202,057,454	1.50%	\$211,917,452	\$4,990,140,002	(\$4,778,222,550)
18	Low-value exports	\$5,048,300,778	-1.47%	\$5,048,300,778	\$0	\$5,048,300,778
19	Port Arthur, TX	\$4,920,533,547	204.63%	\$2,825,657,013	\$2,094,876,534	\$730,780,479
20	Highgate Springs Alburg, VT	\$4,786,788,820	14.38%	\$1,556,942,770	\$3,229,846,050	(\$1,672,903,280)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Canada in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$298,719,019,857</b>	<b>5.75%</b>
1	Motor vehicle parts	\$16,626,229,219	-1.76%
2	Motor vehicles for transporting people	\$15,007,447,309	1.00%
3	Gasoline, other fuels	\$11,937,405,905	40.84%
4	Commercial vehicles	\$11,830,087,942	-6.41%
5	Oil	\$9,343,500,752	52.26%
6	Low-value shipments	\$9,184,633,895	2.17%
7	Civilian aircraft, parts	\$8,971,273,699	8.43%
8	Computers	\$6,072,950,375	5.15%
9	Cell phones, related equipment	\$4,219,847,440	4.27%
10	Motor vehicle engines	\$3,576,513,247	-12.58%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Canada in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$318,481,082,527</b>	<b>6.17%</b>
1	Oil	\$60,844,898,572	21.39%
2	Motor vehicles for transporting people	\$38,068,062,527	-12.72%
3	Returned exports, no change	\$14,264,594,663	6.70%
4	Gasoline, other fuels	\$10,890,419,141	9.43%
5	Motor vehicle parts	\$9,411,250,274	7.62%
6	Petroleum gases, other gaseous hydrocarbons	\$8,439,339,913	-9.61%
7	Wood, sawed or chipped, greater than 6 meters	\$5,652,495,974	-4.57%
8	Aluminum, unwrought	\$5,169,824,612	-5.54%
9	Aircraft engines, engine parts	\$4,197,461,819	15.90%
10	Medicines in individual dosages	\$4,063,205,299	34.74%

Source: WorldCity analysis of U.S. Census Bureau data



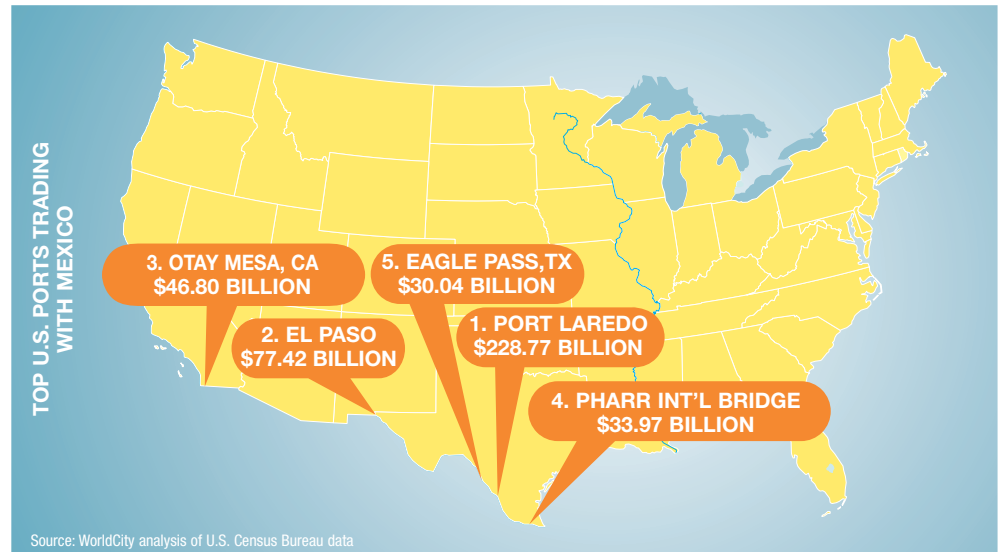
## Mexico trade tops \$600 billion total on way to record

Mexico's trade with the United States increased 9.78 percent in 2018, from \$557.03 billion to a record \$611.54 billion. It was the first time U.S.-Mexico trade had ever topped \$600 billion. U.S. trade with Mexico increased 9.78 percent.

**EXPORTS:** The U.S. export to Mexico that grew the most and the fastest in 2018 was gasoline and other petroleum-based fuels, which increased \$6.86 billion from 2017 to \$27.53 billion in 2018, an increase of 33.21 percent.

**IMPORTS:** The U.S. import from Mexico that grew the most was computers, which increased \$6.32 billion from 2017 to a total of \$26.35 billion in 2018. The most rapid rise, in percentage terms, was in oil, up 47.69 percent in 2018.

**BALANCE OF TRADE:** The United States ran a \$81.52 billion deficit with Mexico in 2018. For every dollar of trade between the two, 43.3 cents is a U.S. export. The U.S. average with the world is 39.56 percent. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Mexico

RANK CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO MEXICO	IMPORTS FROM MEXICO	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>	<b>\$611,538,095,950</b>	<b>9.78%</b>	<b>\$265,010,357,329</b>	<b>\$346,527,738,621</b>	<b>(\$81,517,381,292)</b>
1 Port Laredo	\$228,770,529,959	9.64%	\$100,236,550,640	\$128,533,979,319	(\$28,297,428,679)
2 El Paso Int'l Bridge, TX	\$77,415,027,412	9.81%	\$32,282,638,829	\$45,132,388,583	(\$12,849,749,754)
3 Otay Mesa, CA	\$46,798,195,785	9.02%	\$17,329,993,126	\$29,468,202,659	(\$12,138,209,533)
4 Pharr International Bridge, TX	\$33,970,643,970	4.81%	\$12,392,821,591	\$21,577,822,379	(\$9,185,000,788)
5 Eagle Pass Int'l Bridge, TX	\$30,043,272,026	-2.00%	\$8,345,608,535	\$21,697,663,491	(\$13,352,054,956)
6 Santa Teresa, NM	\$25,871,733,016	16.80%	\$11,656,602,029	\$14,215,130,987	(\$2,558,528,958)
7 Nogales, AZ	\$24,212,081,273	1.16%	\$9,783,442,583	\$14,428,638,690	(\$4,645,196,107)
8 Brownsville Int'l Bridges, TX	\$17,590,976,961	14.11%	\$10,004,952,980	\$7,586,023,981	\$2,418,928,999
9 Calexico, CA	\$16,947,938,104	7.23%	\$6,733,690,117	\$10,214,247,987	(\$3,480,557,870)
10 Port of Houston	\$16,690,177,866	23.25%	\$9,898,249,782	\$6,791,928,084	\$3,106,321,698
11 Port of New Orleans	\$8,072,454,060	14.57%	\$5,081,817,660	\$2,990,636,400	\$2,091,181,260
12 Low-value exports	\$7,405,740,216	9.24%	\$7,405,740,216	\$0	\$7,405,740,216
13 Del Rio Int'l Bridge, TX	\$5,348,563,641	5.09%	\$2,142,090,703	\$3,206,472,938	(\$1,064,382,235)
14 Port of Beaumont, TX	\$3,852,224,156	53.49%	\$2,486,433,120	\$1,365,791,036	\$1,120,642,084
15 Port of Corpus Christi, TX	\$3,186,088,961	10.38%	\$2,630,715,390	\$555,373,571	\$2,075,341,819
16 Port of Mobile, AL	\$3,077,277,479	10.87%	\$688,221,341	\$2,389,056,138	(\$1,700,834,797)
17 Port of Providence, RI	\$2,914,710,700	32.58%	\$13,049,466	\$2,901,661,234	(\$2,888,611,768)
18 Low-value imports	\$2,629,449,637	5.61%	\$0	\$2,629,449,637	(\$2,629,449,637)
19 Port of Texas City	\$2,604,957,467	8.76%	\$2,494,168,897	\$110,788,570	\$2,383,380,327
20 Port of Baltimore, MD	\$2,587,689,722	16.11%	\$630,439,778	\$1,957,249,944	(\$1,326,810,166)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Mexico in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$265,010,357,329</b>	<b>9.06%</b>
1 Gasoline, other fuels	\$27,528,410,323	33.21%
2 Motor vehicle parts	\$17,028,217,278	6.77%
3 Computer parts	\$11,748,368,350	11.56%
4 Low value shipments	\$7,405,740,216	9.24%
5 Computer chips	\$6,866,037,409	8.61%
6 Petroleum gases, other gaseous hydrocarbons	\$5,368,358,297	18.44%
7 Computers	\$5,059,659,296	12.88%
8 Diesel engines	\$4,533,087,454	24.84%
9 Electrical supplies, apparatus, less than 1000V	\$4,411,008,441	10.32%
10 Cell phones, related equipment	\$4,364,947,280	4.04%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Mexico in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$346,527,738,621</b>	<b>10.34%</b>
1 Motor vehicles for transporting people	\$35,002,591,839	15.15%
2 Computers	\$26,349,842,756	31.57%
3 Motor vehicle parts	\$24,665,815,847	8.35%
4 Commercial vehicles	\$22,831,534,058	-0.06%
5 Oil	\$14,444,518,242	47.69%
6 Insulated wire, cable	\$11,419,787,100	14.73%
7 Cell phones, related equipment	\$10,541,853,991	-4.30%
8 TVs, computer monitors	\$9,026,945,761	-7.70%
9 Tractors	\$8,591,793,507	46.46%
10 Seats, excluding barber, dental	\$6,984,615,347	0.26%

Source: WorldCity analysis of U.S. Census Bureau data



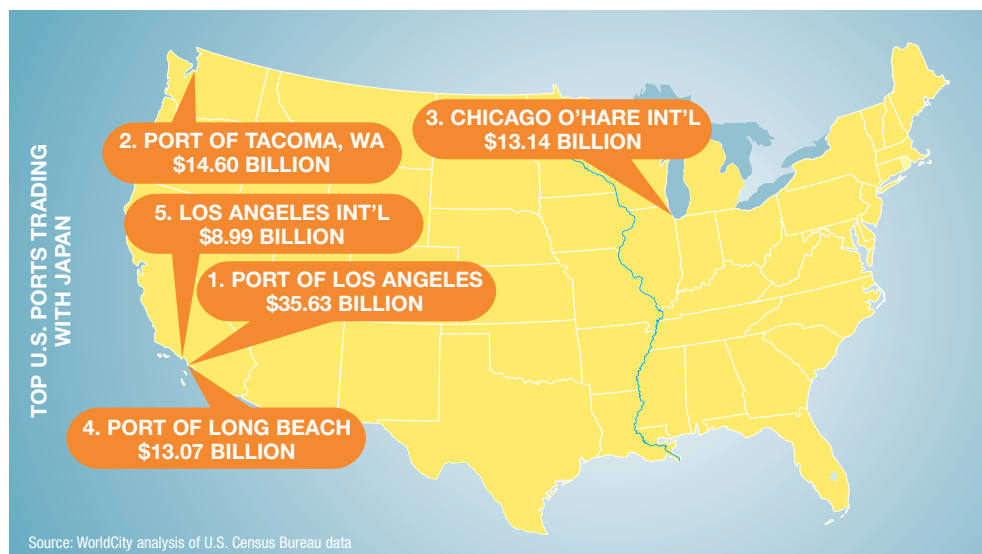
## Japan-U.S. trade breaks record, tops 2012 total

Japan's trade with the United States increased 6.52 percent in 2018 to a record \$217.56 billion. It was the first record trade between the United States and Japan since 2012.

**EXPORTS:** The U.S. export to Japan that grew the most in 2018 was petroleum gases and other gaseous hydrocarbons, which increased \$1.82 billion from 2017 to a total of \$5.18 billion in 2018. The most rapid rise, in percentage terms, was in the value of oil, up 176.86 percent.

**IMPORTS:** Motor vehicles dominate Japanese imports into the United States, accounting for more than 28 percent of all imports in 2018. The import that grew the most, however, was self-propelled heavy construction machinery, which increased \$568.08 million from 2017 to a total of \$3.54 billion in 2018.

**BALANCE OF TRADE:** The United States ran a \$67.63 billion deficit with Japan in 2018. In 2017, the trade deficit was \$68.85 billion. **WC**



Top 20 U.S. ports trading with Japan

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO JAPAN	IMPORTS FROM JAPAN	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$217,562,964,095</b>	<b>6.52%</b>	<b>\$74,966,716,044</b>	<b>\$142,596,248,051</b>	<b>(\$67,629,532,007)</b>
1	Port of Los Angeles	\$35,631,764,113	-0.27%	\$6,355,468,481	\$29,276,295,632	(\$22,920,827,151)
2	Port of Tacoma, WA	\$14,597,972,727	-4.28%	\$2,515,718,887	\$12,082,253,840	(\$9,566,534,953)
3	Chicago O'Hare Int'l Airport	\$13,141,184,528	8.45%	\$5,284,742,580	\$7,856,441,948	(\$2,571,699,368)
4	Port of Long Beach	\$13,071,019,893	5.65%	\$3,858,497,155	\$9,212,522,738	(\$5,354,025,583)
5	Los Angeles Int'l Airport	\$8,994,175,712	14.70%	\$5,575,855,730	\$3,418,319,982	\$2,157,535,748
6	Port of Newark	\$8,887,692,686	1.05%	\$413,441,681	\$8,474,251,005	(\$8,060,809,324)
7	San Francisco Int'l Airport	\$7,906,123,857	0.49%	\$3,539,904,633	\$4,366,219,224	(\$826,314,591)
8	JFK International Airport	\$7,833,973,171	6.16%	\$3,931,415,050	\$3,902,558,121	\$28,856,929
9	Anchorage Int'l Airport, AK	\$6,724,184,329	11.11%	\$4,419,427,249	\$2,304,757,080	\$2,114,670,169
10	Port of Jacksonville, FL	\$6,496,245,270	0.06%	\$135,983,891	\$6,360,261,379	(\$6,224,277,488)
11	Port of Oakland, CA	\$6,176,881,737	-3.52%	\$4,312,152,331	\$1,864,729,406	\$2,447,422,925
12	Port of Houston	\$6,079,593,116	35.10%	\$5,172,658,983	\$906,934,133	\$4,265,724,850
13	Port of Savannah	\$5,969,913,244	15.85%	\$886,268,602	\$5,083,644,642	(\$4,197,376,040)
14	Port of Baltimore, MD	\$5,461,328,675	25.81%	\$1,064,540,637	\$4,396,788,038	(\$3,332,247,401)
15	Port of Charleston	\$5,386,430,477	13.95%	\$1,825,050,566	\$3,561,379,911	(\$1,736,329,345)
16	Port of Portland, OR	\$5,374,500,969	21.54%	\$473,398,086	\$4,901,102,883	(\$4,427,704,797)
17	Port of New Orleans	\$3,309,740,700	-11.58%	\$1,667,331,560	\$1,642,409,140	\$24,922,420
18	DFW International Airport, TX	\$3,153,209,691	-1.99%	\$2,011,609,058	\$1,141,600,633	\$870,008,425
19	Port of Virginia	\$3,108,994,989	-1.22%	\$1,169,378,643	\$1,939,616,346	(\$770,237,703)
20	Port of Richmond, CA	\$2,612,828,158	11.77%	\$92,729,119	\$2,520,099,039	(\$2,427,369,920)

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. exports to Japan in 2018

RANK		VALUE	CHANGE
<b>Total Exports</b>		<b>\$74,966,716,044</b>	<b>10.74%</b>
1	Civilian aircraft, parts	\$5,637,391,668	-2.00%
2	Petroleum gases, other gaseous hydrocarbons	\$5,177,467,638	54.00%
3	Medical instruments for surgeons, dentists, vets	\$2,860,141,732	15.66%
4	Corn	\$2,812,950,017	30.24%
5	Machinery, parts for semiconductor manufacturing	\$2,757,991,576	23.95%
6	Medicines in individual dosages	\$1,741,932,731	-4.12%
7	Vaccines, plasma, other blood "fractions"	\$1,682,369,161	12.07%
8	Pork meat, fresh, frozen or chilled	\$1,527,676,443	-0.48%
9	Oil	\$1,450,816,379	176.86%
10	Ethers, ether-alcohols, alcohol peroxides etc.	\$1,242,613,154	3.72%

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. imports from Japan in 2018

RANK		VALUE	CHANGE
<b>Total Imports</b>		<b>\$142,596,248,051</b>	<b>4.43%</b>
1	Motor vehicles for transporting people	\$40,409,119,152	1.35%
2	Motor vehicle parts	\$7,955,362,811	-3.03%
3	Aircraft parts	\$4,175,361,805	4.23%
4	Self-propelled heavy construction machinery	\$3,541,480,585	19.11%
5	Printers, all types, parts	\$3,126,363,921	0.06%
6	Machinery, parts for semiconductor manufacturing	\$2,798,118,415	1.20%
7	Returned exports, no change	\$2,524,006,742	20.12%
8	Motor vehicle engines	\$2,224,526,914	12.64%
9	Aircraft engines, engine parts	\$2,191,783,048	2.45%
10	Medical instruments for surgeons, dentists, vets	\$1,977,231,676	5.23%

Source: WorldCity analysis of U.S. Census Bureau data



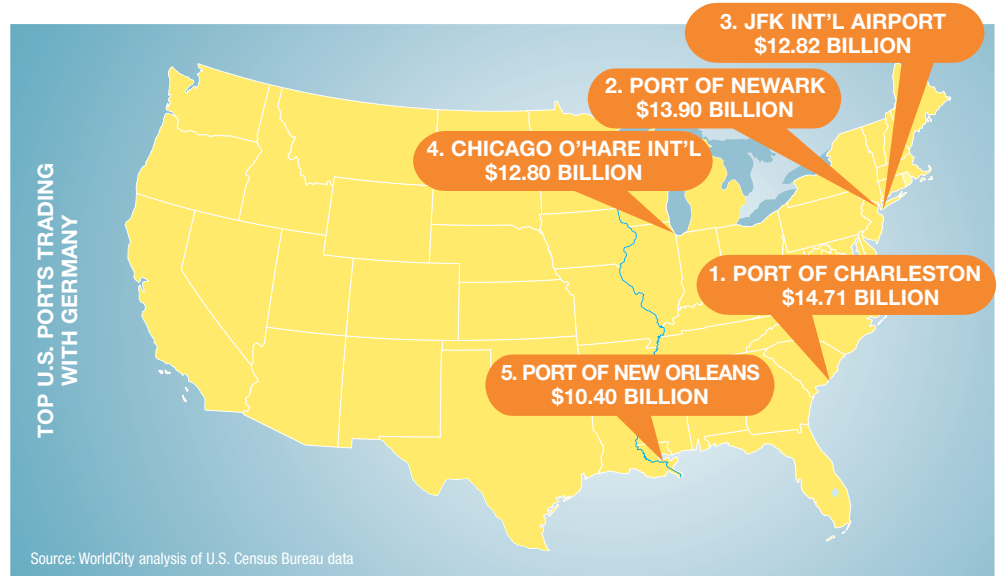
## Aviation, pharma trade lead U.S., Germany to record

Germany's trade with the United States increased 7.19 percent in 2018, from \$171.24 billion to a record \$183.56 billion.

**EXPORTS:** The U.S. export to Germany that grew the most in 2018 was civilian aircraft and parts, which increased \$1.6 billion from 2017 to a total of \$8.45 billion in 2018. Eight of the top 10 exports increased in value in 2018, with the most rapid rise, in percentage terms, scrap of precious metal, up 34.74 percent.

**IMPORTS:** The U.S. import from Germany that grew the most and the fastest in 2018 was the category of vaccines, plasma and other blood "fractions," which increased \$2.94 billion to \$6.15 billion, increasing 91.86 percent in 2018.

**BALANCE OF TRADE:** The United States ran a \$68.25 billion deficit with Germany in 2018. For every dollar of trade between the two, 31.4 cents was a U.S. export. **wc**



Top 20 U.S. ports trading with Germany

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO GERMANY	IMPORTS FROM GERMANY	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$183,557,949,336</b>	<b>7.19%</b>	<b>\$57,653,807,554</b>	<b>\$125,904,141,782</b>	<b>(\$68,250,334,228)</b>
1	Port of Charleston	\$14,710,902,216	-9.64%	\$3,885,138,168	\$10,825,764,048	(\$6,940,625,880)
2	Port of Newark	\$13,903,466,938	6.04%	\$980,573,654	\$12,922,893,284	(\$11,942,319,630)
3	JFK International Airport	\$12,817,080,866	13.88%	\$6,303,212,585	\$6,513,868,281	(\$210,655,696)
4	Chicago O'Hare Int'l Airport	\$12,797,903,455	20.08%	\$4,241,056,279	\$8,556,847,176	(\$4,315,790,897)
5	Port of New Orleans	\$10,398,829,969	12.65%	\$4,515,896,115	\$5,882,933,854	(\$1,367,037,739)
6	Atlanta Int'l Airport	\$8,814,573,228	46.99%	\$1,763,318,043	\$7,051,255,185	(\$5,287,937,142)
7	Port of Virginia	\$8,583,483,598	11.39%	\$1,320,282,762	\$7,263,200,836	(\$5,942,918,074)
8	Port of Houston	\$7,199,532,327	0.94%	\$1,865,000,414	\$5,334,531,913	(\$3,469,531,499)
9	Port of Baltimore, MD	\$6,726,905,087	6.40%	\$1,195,889,210	\$5,531,015,877	(\$4,335,126,667)
10	Cleveland Hopkins Int'l Airport	\$6,361,868,650	31.79%	\$3,810,434,717	\$2,551,433,933	\$1,259,000,784
11	Port of Savannah	\$5,997,966,991	-3.55%	\$1,470,902,354	\$4,527,064,637	(\$3,056,162,283)
12	Los Angeles Int'l Airport	\$5,078,417,003	-4.05%	\$3,108,950,484	\$1,969,466,519	\$1,139,483,965
13	Port of Brunswick, GA	\$4,698,795,685	-6.64%	\$1,707,400,927	\$2,991,394,758	(\$1,283,993,831)
14	Port of Los Angeles	\$3,258,453,670	7.06%	\$213,986,705	\$3,044,466,965	(\$2,830,480,260)
15	Port of New York	\$2,796,993,311	-3.10%	\$2,161,529,787	\$635,463,524	\$1,526,066,263
16	San Francisco Int'l Airport	\$2,662,544,445	18.27%	\$1,397,201,689	\$1,265,342,756	\$131,858,933
17	Boston's Logan Int'l Airport	\$2,578,373,437	40.14%	\$1,320,981,415	\$1,257,392,022	\$63,589,393
18	Port of Philadelphia	\$2,227,858,120	23.08%	\$294,124,216	\$1,933,733,904	(\$1,639,609,688)
19	Miami International Airport	\$2,220,849,955	15.57%	\$1,013,535,725	\$1,207,314,230	(\$193,778,505)
20	Dulles Int'l Airport	\$2,183,614,673	12.71%	\$780,057,629	\$1,403,557,044	(\$623,499,415)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Germany in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$57,653,807,554</b>	<b>7.78%</b>
1	Civilian aircraft, parts	\$8,452,790,354	23.26%
2	Motor vehicles for transporting people	\$5,863,305,382	-3.46%
3	Vaccines, plasma, other blood "fractions"	\$2,133,381,248	7.40%
4	Medical instruments for surgeons, dentists, vets	\$1,736,895,708	5.67%
5	Misc. medical chemical re-agents	\$1,319,903,341	-0.51%
6	Low value shipments	\$1,270,668,390	7.97%
7	Scrap of precious metal	\$945,933,524	34.74%
8	Computer chips	\$943,580,460	21.13%
9	Motor vehicle parts	\$943,247,437	9.70%
10	Medical equipment for physicals	\$922,919,410	8.80%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Germany in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$125,904,141,782</b>	<b>6.93%</b>
1	Motor vehicles for transporting people	\$18,654,250,696	-9.18%
2	Medicines in individual dosages	\$8,409,387,811	1.75%
3	Vaccines, plasma, other blood "fractions"	\$6,148,395,725	91.86%
4	Motor vehicle parts	\$4,537,959,125	-1.89%
5	Returned exports, no change	\$4,443,573,953	10.16%
6	Medical instruments for surgeons, dentists, vets	\$3,054,066,034	13.10%
7	Aircraft engines, engine parts	\$2,486,731,738	28.14%
8	Miscellaneous machines, parts	\$1,765,430,314	6.13%
9	Aircraft	\$1,759,681,824	-33.11%
10	Salvage	\$1,493,954,758	3.09%

Source: WorldCity analysis of U.S. Census Bureau data



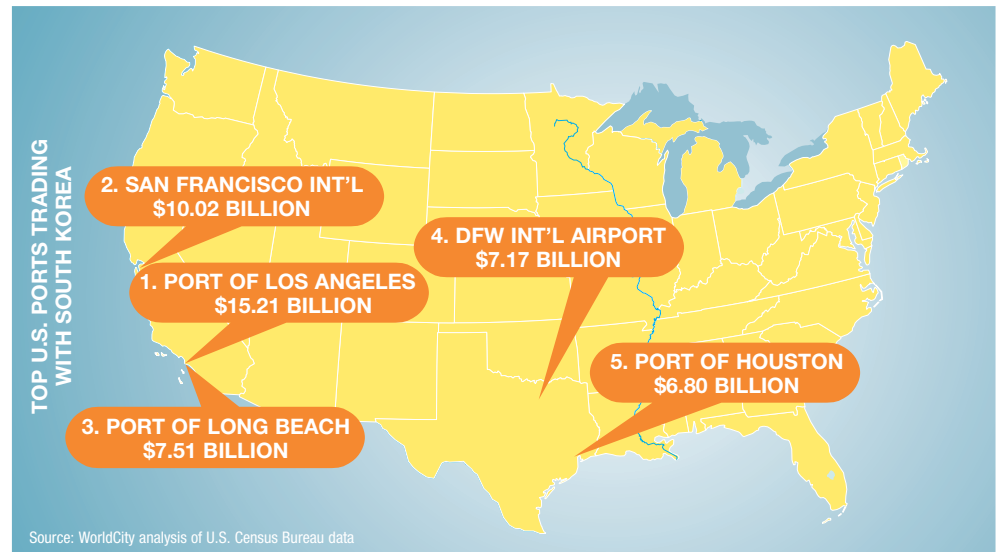
## U.S. oil exports surge, lead to record Korea trade

South Korea's trade with the United States increased 9.37 percent in 2018, from \$119.44 billion to a record \$130.63 billion.

**EXPORTS:** U.S. oil exports to South Korea surged \$4.47 billion from 2017 to a total of \$5.59 billion in 2018, a nearly 400 percent increase. Six of the top 10 exports increased more than 50 percent in 2018.

**IMPORTS:** While motor vehicle imports from South Korea fell 12.15 percent in 2018, imports in the category of vaccines, plasma and other blood "fractions" increased 126.55 percent to \$2.64 billion. The U.S. import that grew the most in dollar terms was computer parts, which increased \$2.30 billion from 2017 to a total of \$4.99 billion in 2018.

**BALANCE OF TRADE:** The United States ran a \$17.95 billion deficit with South Korea in 2018. In 2017, it had run a \$22.89 billion deficit. For every dollar of trade between the two, 43.1 cents was a U.S. export. **wc**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with South Korea

RANK	CUSTOMS DISTRICT	2018		EXPORTS TO	IMPORTS FROM	SURPLUS/ (DEFICIT)
		TOTAL TRADE	CHANGE	SOUTH KOREA	SOUTH KOREA	
<b>Total All Ports</b>		<b>\$130,634,984,743</b>	<b>9.37%</b>	<b>\$56,344,305,789</b>	<b>\$74,290,678,954</b>	<b>(\$17,946,373,165)</b>
1	Port of Los Angeles	\$15,207,279,940	4.26%	\$3,358,819,165	\$11,848,460,775	(\$8,489,641,610)
2	San Francisco Int'l Airport	\$10,016,564,611	14.89%	\$4,248,535,522	\$5,768,029,089	(\$1,519,493,567)
3	Port of Long Beach	\$7,512,656,565	5.68%	\$4,549,089,380	\$2,963,567,185	\$1,585,522,195
4	DFW International Airport, TX	\$7,172,174,494	-9.63%	\$3,999,330,675	\$3,172,843,819	\$826,486,856
5	Port of Houston	\$6,795,852,380	42.20%	\$3,587,442,136	\$3,208,410,244	\$379,031,892
6	Port of Newark	\$6,109,583,058	47.61%	\$170,052,900	\$5,939,530,158	(\$5,769,477,258)
7	Port of Savannah	\$5,683,955,468	5.10%	\$872,994,903	\$4,810,960,565	(\$3,937,965,662)
8	Chicago O'Hare Int'l Airport	\$5,357,351,172	-12.28%	\$2,051,215,512	\$3,306,135,660	(\$1,254,920,148)
9	Anchorage Int'l Airport, AK	\$5,219,187,493	25.22%	\$1,747,472,497	\$3,471,714,996	(\$1,724,242,499)
10	Los Angeles Int'l Airport	\$4,081,759,482	17.50%	\$2,721,720,417	\$1,360,039,065	\$1,361,681,352
11	Port of Tacoma, WA	\$3,983,080,252	-3.60%	\$1,375,392,008	\$2,607,688,244	(\$1,232,296,236)
12	JFK International Airport	\$3,975,547,673	-2.27%	\$3,049,389,671	\$926,158,002	\$2,123,231,669
13	Port of Oakland, CA	\$3,504,133,272	17.69%	\$1,753,975,776	\$1,750,157,496	\$3,818,280
14	Port of Brunswick, GA	\$2,961,626,732	-8.13%	\$272,256,218	\$2,689,370,514	(\$2,417,114,296)
15	Port Hueneme, CA	\$2,306,435,057	-17.94%	\$459,133,234	\$1,847,301,823	(\$1,388,168,589)
16	Port of New Orleans	\$2,251,899,288	21.62%	\$1,339,223,765	\$912,675,523	\$426,548,242
17	Port of Portland, OR	\$2,206,288,852	13.14%	\$872,383,324	\$1,333,905,528	(\$461,522,204)
18	Port of Philadelphia	\$2,139,426,772	-20.53%	\$22,683,923	\$2,116,742,849	(\$2,094,058,926)
19	Port of Seattle, WA	\$2,100,797,305	17.32%	\$890,592,963	\$1,210,204,342	(\$319,611,379)
20	Port of Charleston	\$1,909,930,215	-1.58%	\$975,315,334	\$934,614,881	\$40,700,453

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to South Korea in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$56,344,305,789</b>	<b>16.71%</b>
1 Oil	\$5,589,874,233	398.34%
2 Machinery, parts for semiconductor manufacturing	\$4,562,497,855	-20.37%
3 Computer chips	\$3,167,050,247	1.45%
4 Petroleum gases, other gaseous hydrocarbons	\$2,997,811,354	64.80%
5 Civilian aircraft, parts	\$2,986,433,340	4.33%
6 Motor vehicles for transporting people	\$1,710,007,500	9.94%
7 Corn	\$1,368,282,350	91.61%
8 Frozen beef	\$1,143,506,939	54.26%
9 Acrylonitrile, related compounds	\$744,679,199	64.78%
10 Acyclic alcohols	\$685,396,545	139.07%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from South Korea in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$74,290,678,954</b>	<b>4.39%</b>
1 Motor vehicles for transporting people	\$13,822,573,279	-12.15%
2 Computer parts	\$4,993,689,009	85.62%
3 Cell phones, related equipment	\$4,721,378,971	-23.34%
4 Motor vehicle parts	\$4,137,993,983	4.11%
5 Gasoline, other fuels	\$3,132,908,695	11.91%
6 Vaccines, plasma, other blood "fractions"	\$2,638,402,423	126.55%
7 Computer chips	\$2,161,012,973	6.79%
8 Electric storage batteries	\$1,436,822,418	42.32%
9 Rubber tires	\$1,291,510,419	-2.91%
10 Returned exports, no change	\$1,152,433,338	10.52%

Source: WorldCity analysis of U.S. Census Bureau data



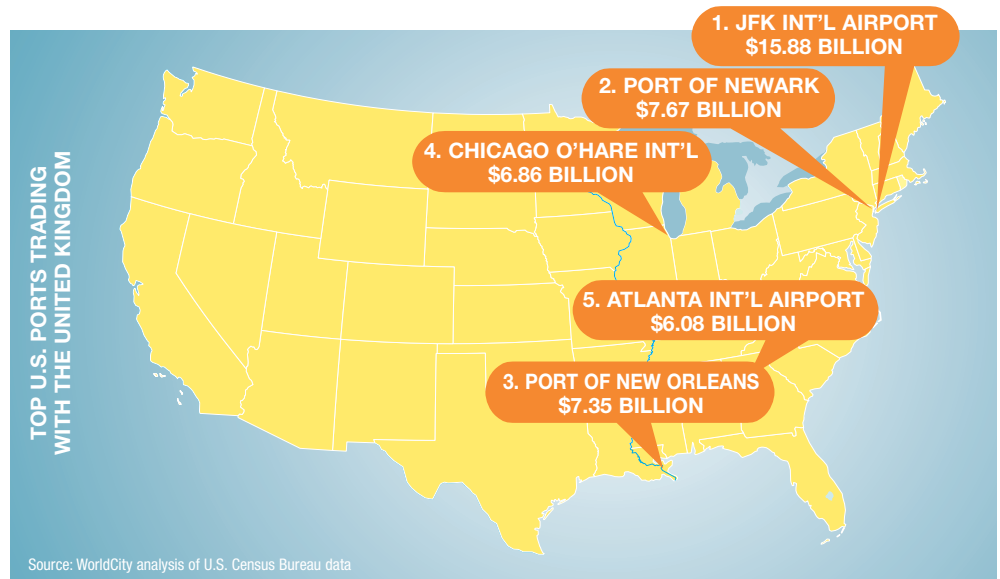
## Exports, imports increase sharply with the U.K.

The United Kingdom's trade with the United States increased an impressive 16.12 percent in 2018, from \$109.4 billion to a record \$127.04 billion.

**EXPORTS:** The top seven U.S. exports to the United Kingdom all grew in double digits over 2017, with five of them growing at better than a 20 percent clip. The export that grew the most was civilian aircraft and parts, which increased \$2.16 billion to \$11.29 billion.

**IMPORTS:** Eight of the top 10 U.S. imports grew more than 10 percent in 2018, with one, oil, increasing 192.14 percent. It increased \$957.55 million from 2017 to a total of \$1.46 billion in 2018, more than any import and faster than any in the top 10.

**BALANCE OF TRADE:** The United States ran a \$5.42 billion surplus with the United Kingdom in 2018, up from a \$3.25 billion surplus in 2017. For every dollar of trade between the two, 52.1 cents was a U.S. export. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with The United Kingdom

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO THE UNITED KINGDOM	IMPORTS FROM THE UNITED KINGDOM	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$127,040,144,863</b>	<b>16.12%</b>	<b>\$66,228,171,593</b>	<b>\$60,811,973,270</b>	<b>\$5,416,198,323</b>
1	JFK International Airport	\$15,883,854,061	12.20%	\$10,333,663,228	\$5,550,190,833	\$4,783,472,395
2	Port of Newark	\$7,668,394,952	21.91%	\$1,728,043,915	\$5,940,351,037	(\$4,212,307,122)
3	Port of New Orleans	\$7,353,813,368	5.60%	\$3,662,589,093	\$3,691,224,275	(\$28,635,182)
4	Chicago O'Hare Int'l Airport	\$6,857,436,637	8.42%	\$3,420,396,229	\$3,437,040,408	(\$16,644,179)
5	Atlanta Int'l Airport	\$6,082,858,370	70.68%	\$4,059,986,066	\$2,022,872,304	\$2,037,113,762
6	Port of Baltimore, MD	\$5,246,455,127	12.48%	\$691,670,507	\$4,554,784,620	(\$3,863,114,113)
7	Port of Houston	\$4,373,210,523	44.66%	\$2,824,128,627	\$1,549,081,896	\$1,275,046,731
8	Cleveland Hopkins Int'l Airport	\$4,222,598,206	-0.46%	\$2,474,013,884	\$1,748,584,322	\$725,429,562
9	Port of Charleston	\$4,205,490,524	11.67%	\$2,584,094,792	\$1,621,395,732	\$962,699,060
10	Los Angeles Int'l Airport	\$4,033,684,974	2.19%	\$2,350,205,575	\$1,683,479,399	\$666,726,176
11	Port of Brunswick, GA	\$3,251,113,358	29.56%	\$116,831,657	\$3,134,281,701	(\$3,017,450,044)
12	Port of Savannah	\$2,955,204,987	40.15%	\$1,459,409,512	\$1,495,795,475	(\$36,385,963)
13	Philadelphia Int'l Airport	\$2,850,793,390	30.27%	\$2,016,649,211	\$834,144,179	\$1,182,505,032
14	Port of Virginia	\$2,760,960,900	-2.67%	\$1,376,617,772	\$1,384,343,128	(\$7,725,356)
15	Dulles Int'l Airport	\$2,739,088,965	23.06%	\$511,475,665	\$2,227,613,300	(\$1,716,137,635)
16	Port of New York	\$2,600,657,273	-6.22%	\$2,251,174,286	\$349,482,987	\$1,901,691,299
17	Port of Everett, WA	\$2,505,058,741	752.75%	\$2,504,447,071	\$611,670	\$2,503,835,401
18	DFW International Airport, TX	\$2,476,309,098	26.87%	\$767,438,836	\$1,708,870,262	(\$941,431,426)
19	Seattle-Tacoma Int'l Airport	\$2,137,153,637	3.15%	\$1,670,903,355	\$466,250,282	\$1,204,653,073
20	Port Hueneme, CA	\$2,064,603,928	12.91%	\$0	\$2,064,603,928	(\$2,064,603,928)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to the United Kingdom in 2018

RANK		VALUE	CHANGE
<b>Total Exports</b>		<b>\$66,228,171,593</b>	<b>17.57%</b>
1	Civilian aircraft, parts	\$11,292,372,688	23.60%
2	Gold	\$6,112,443,745	27.78%
3	Oil	\$3,861,986,158	87.76%
4	Paintings, drawings and other artwork	\$2,919,866,391	10.44%
5	Medicines in individual dosages	\$2,600,239,847	46.82%
6	Gasoline, other fuels	\$1,656,908,592	48.93%
7	Low value shipments	\$1,656,788,938	13.67%
8	Motor vehicles for transporting people	\$1,617,790,796	-16.06%
9	Value added to a returned import	\$985,966,908	3.86%
10	Computers	\$972,481,850	3.08%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from the United Kingdom in 2018

RANK		VALUE	CHANGE
<b>Total Imports</b>		<b>\$60,811,973,270</b>	<b>14.58%</b>
1	Motor vehicles for transporting people	\$9,663,914,676	10.64%
2	Returned exports, no change	\$4,942,956,726	4.73%
3	Medicines in individual dosages	\$3,692,976,199	13.95%
4	Gasoline, other fuels	\$2,679,845,782	10.05%
5	Aircraft engines, engine parts	\$2,494,421,820	49.40%
6	Rum, gin, vodka, other liquors	\$2,002,298,692	4.22%
7	Aircraft parts	\$1,777,438,916	25.74%
8	Paintings, drawings and other artwork	\$1,654,654,361	37.56%
9	Oil	\$1,455,893,941	192.14%
10	Vaccines, plasma, other blood "fractions"	\$1,001,731,840	29.22%

Source: WorldCity analysis of U.S. Census Bureau data



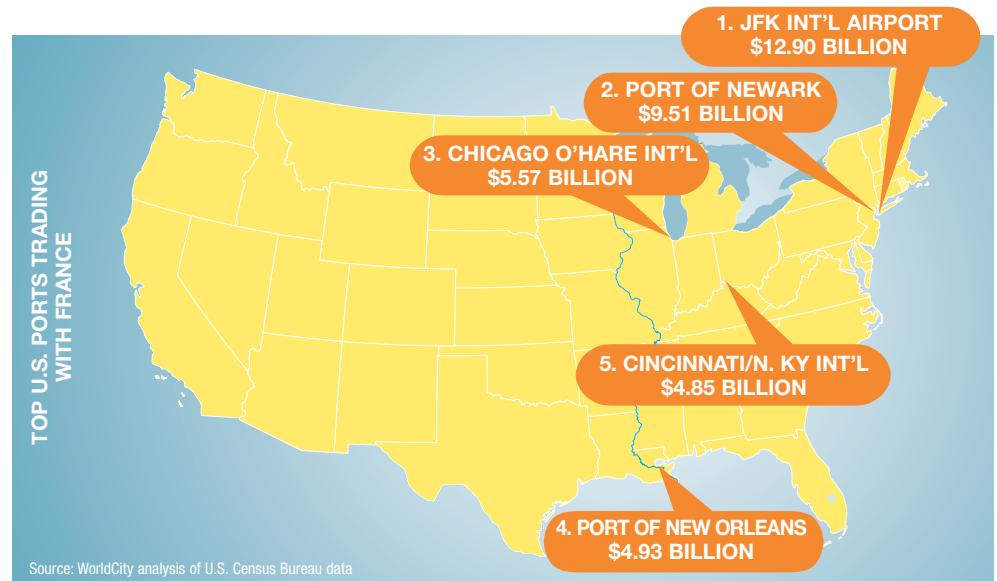
## Aviation trade helps U.S.-France set trade record

France's trade with the United States increased 7.73 percent in 2018, from \$82.47 billion to a record \$88.85 billion.

**EXPORTS:** The U.S. export to France that grew the most in 2018 was civilian aircraft and parts, which increased \$1.68 billion from 2017 to a total of \$13.44 billion in 2018. Eight of the top 10 exports increased in value in 2018, with the most rapid rise for paintings, drawings and other artwork, up 67.14 percent. Almost all of the artwork departed from JFK International Airport.

**IMPORTS:** The U.S. import from France that grew the most was aircraft engines and engine parts, which increased \$489.62 million to \$5.84 billion in 2018. Nine of the top 10 imports increased in value in 2018, with the most rapid rise in gasoline and related fuels, up 24.02 percent.

**BALANCE OF TRADE:** The United States ran a \$16.2 billion deficit with France in 2018. **WC**



Top 20 U.S. ports trading with France

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO FRANCE	IMPORTS FROM FRANCE	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$88,848,128,583</b>	<b>7.73%</b>	<b>\$36,326,329,368</b>	<b>\$52,521,799,215</b>	<b>(\$16,195,469,847)</b>
1	JFK International Airport	\$12,900,206,995	16.72%	\$6,124,144,114	\$6,776,062,881	(\$651,918,767)
2	Port of Newark	\$9,508,717,324	20.29%	\$766,856,868	\$8,741,860,456	(\$7,975,003,588)
3	Chicago O'Hare Int'l Airport	\$5,572,389,063	-9.06%	\$2,822,688,962	\$2,749,700,101	\$72,988,861
4	Port of New Orleans	\$4,929,071,961	10.90%	\$2,206,888,286	\$2,722,183,675	(\$515,295,389)
5	Cincinnati/Northern Kentucky Int'l	\$4,850,554,502	0.62%	\$2,338,017,550	\$2,512,536,952	(\$174,519,402)
6	Atlanta Int'l Airport	\$4,068,207,473	8.13%	\$1,689,944,790	\$2,378,262,683	(\$688,317,893)
7	Cleveland Hopkins Int'l Airport	\$3,792,308,308	35.64%	\$2,541,446,085	\$1,250,862,223	\$1,290,583,862
8	Los Angeles Int'l Airport	\$2,709,277,590	-17.66%	\$1,463,551,147	\$1,245,726,443	\$217,824,704
9	Port of Houston	\$2,652,058,401	17.19%	\$1,294,866,514	\$1,357,191,887	(\$62,325,373)
10	Port of Charleston	\$2,333,644,245	4.12%	\$722,698,840	\$1,610,945,405	(\$888,246,565)
11	Dulles Int'l Airport	\$2,054,178,361	36.49%	\$1,485,044,644	\$569,133,717	\$915,910,927
12	Port of Virginia	\$2,003,436,583	-1.30%	\$391,704,186	\$1,611,732,397	(\$1,220,028,211)
13	Miami International Airport	\$1,851,413,978	10.43%	\$449,217,837	\$1,402,196,141	(\$952,978,304)
14	Port of Savannah	\$1,714,587,579	13.22%	\$596,546,076	\$1,118,041,503	(\$521,495,427)
15	Clinton Int'l Airport, Little Rock, AR	\$1,631,958,090	-15.32%	\$291,029,376	\$1,340,928,714	(\$1,049,899,338)
16	DFW International Airport, TX	\$1,620,779,367	3.32%	\$639,872,186	\$980,907,181	(\$341,034,995)
17	Port Huron, MI	\$1,334,609,872	186.88%	\$192,333,534	\$1,142,276,338	(\$949,942,804)
18	Port of New York	\$1,271,376,017	-19.25%	\$987,895,710	\$283,480,307	\$704,415,403
19	Philadelphia Int'l Airport	\$1,244,585,958	4.17%	\$710,056,056	\$534,529,902	\$175,526,154
20	Boston's Logan Int'l Airport	\$1,236,647,746	4.90%	\$594,513,116	\$642,134,630	(\$47,621,514)

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. exports to France in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$36,326,329,368</b>	<b>8.17%</b>
1	Civilian aircraft, parts	\$13,441,878,080	14.26%
2	Gasoline, other fuels	\$1,384,557,724	-7.09%
3	Paintings, drawings and other artwork	\$1,182,613,678	67.14%
4	Low value shipments	\$862,298,243	10.62%
5	Insulin, hormones and steroids	\$612,745,450	9.51%
6	Medical instruments for surgeons, dentists, vets	\$530,271,340	10.41%
7	Cell phones, related equipment	\$472,163,883	8.82%
8	Vaccines, plasma, other blood "fractions"	\$456,772,223	33.73%
9	Oil	\$412,245,038	-31.80%
10	Centrifuges, filters, machines and parts	\$399,437,717	16.38%

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. imports from France in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$52,521,799,215</b>	<b>7.43%</b>
1	Aircraft engines, engine parts	\$5,836,679,754	9.16%
2	Aircraft	\$4,456,954,606	-9.59%
3	Returned exports, no change	\$3,984,039,588	12.18%
4	Medicines in individual dosages	\$2,562,167,654	15.03%
5	Rum, gin, vodka, other liquors	\$2,483,633,816	10.45%
6	Paintings, drawings and other artwork	\$2,451,765,787	22.46%
7	Wine	\$2,104,309,769	12.68%
8	Aircraft parts	\$1,799,860,688	13.38%
9	Perfumes	\$1,492,394,276	6.87%
10	Gasoline, other fuels	\$1,065,675,140	24.02%

Source: WorldCity analysis of U.S. Census Bureau data



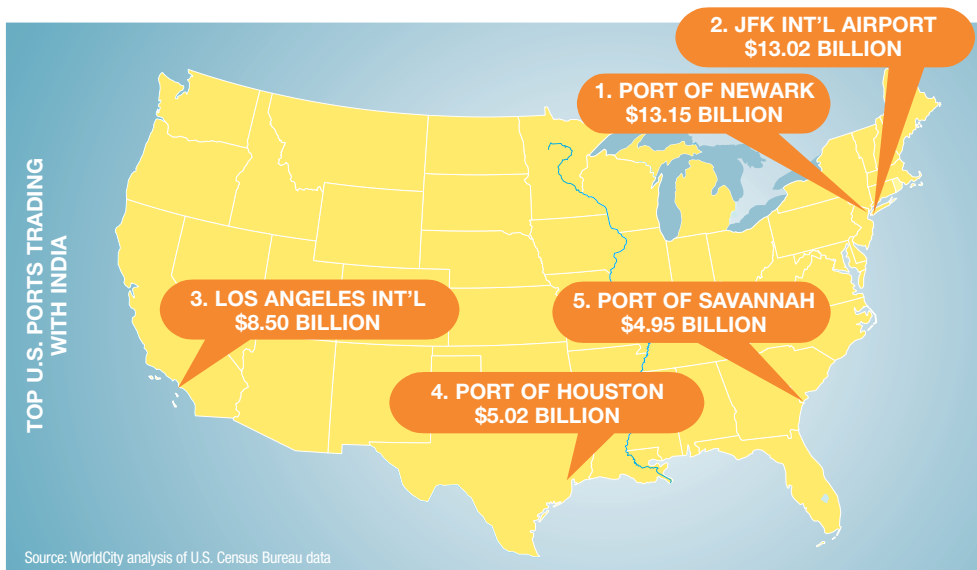
## For India, 2018 brought the 8th record in 9 years

United States' trade with India increased 17.75 percent in 2018, from \$74.33 billion to a record \$87.53 billion. For India-U.S. trade, it was the eighth record in the last nine years, the exception coming in 2015. That was the first year, however, that India entered the list of the United States' top 10 trade partners. A decade earlier, in 2005, it had been No. 20.

**EXPORTS:** While diamonds were the leading U.S. export, the export to India that grew the most and fastest in 2018 was oil, which increased \$2.59 billion to \$3.02 billion, up 614.45 percent.

**IMPORTS:** Diamonds are even more dominant on the import side, accounting for almost one-sixth of the total value of all imports.

**BALANCE OF TRADE:** The United States ran a \$21.29 billion deficit with India in 2018. For every dollar of trade between the two, 37.8 cents was a U.S. export. **WC**



### Top 20 U.S. ports trading with India

RANK CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO INDIA	IMPORTS FROM INDIA	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>	<b>\$87,527,553,492</b>	<b>17.75%</b>	<b>\$33,120,079,883</b>	<b>\$54,407,473,609</b>	<b>(\$21,287,393,726)</b>
1 Port of Newark	\$13,145,105,833	21.56%	\$759,052,483	\$12,386,053,350	(\$11,627,000,867)
2 JFK International Airport	\$13,017,748,475	-6.54%	\$4,437,167,465	\$8,580,581,010	(\$4,143,413,545)
3 Los Angeles Int'l Airport	\$8,500,336,883	23.42%	\$4,307,582,839	\$4,192,754,044	\$114,828,795
4 Port of Houston	\$5,023,232,826	25.66%	\$2,186,489,820	\$2,836,743,006	(\$650,253,186)
5 Port of Savannah	\$4,954,269,329	10.35%	\$867,373,901	\$4,086,895,428	(\$3,219,521,527)
6 Port of Virginia	\$4,441,438,473	21.30%	\$1,051,972,754	\$3,389,465,719	(\$2,337,492,965)
7 Port of Los Angeles	\$3,594,064,795	15.09%	\$767,792,983	\$2,826,271,812	(\$2,058,478,829)
8 Port of Charleston	\$3,336,339,737	8.91%	\$675,321,266	\$2,661,018,471	(\$1,985,697,205)
9 Chicago O'Hare Int'l Airport	\$3,116,884,913	9.65%	\$1,110,524,837	\$2,006,360,076	(\$895,835,239)
10 Port of New York	\$2,272,536,818	37.58%	\$1,816,414,679	\$456,122,139	\$1,360,292,540
11 Port of Baltimore, MD	\$2,201,705,491	74.91%	\$1,263,285,795	\$938,419,696	\$324,866,099
12 Port of New Orleans	\$2,073,858,155	19.81%	\$1,030,256,826	\$1,043,601,329	(\$13,344,503)
13 Port of Oakland, CA	\$1,348,743,656	8.21%	\$787,058,401	\$561,685,255	\$225,373,146
14 Atlanta Int'l Airport	\$1,168,973,473	-23.18%	\$829,448,364	\$339,525,109	\$489,923,255
15 Cleveland Hopkins Int'l Airport	\$1,091,120,539	7.64%	\$522,160,302	\$568,960,237	(\$46,799,935)
16 Seattle-Tacoma Int'l Airport	\$1,048,214,476	580.80%	\$994,549,407	\$53,665,069	\$940,884,338
17 DFW International Airport, TX	\$953,678,027	41.80%	\$782,722,149	\$170,955,878	\$611,766,271
18 Norfolk/Mobile/Charleston	\$714,669,220	32.72%	\$714,669,220	\$0	\$714,669,220
19 Port of Morgan City, LA	\$684,529,422	340,563%	\$683,119,320	\$1,410,102	\$681,709,218
20 Salt Lake City Int'l Airport, UT	\$605,419,811	7,094%	\$597,579,936	\$7,839,875	\$589,740,061

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to India in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$33,120,079,883</b>	<b>28.87%</b>
1 Diamonds, not mounted	\$5,244,747,086	25.37%
2 Oil	\$3,015,598,633	614.45%
3 Civilian aircraft, parts	\$2,639,568,639	74.67%
4 Gold	\$1,948,467,657	-18.28%
5 Coal, briquettes	\$1,665,796,892	55.27%
6 Almonds, walnuts, pistachios, hazelnuts, etc.	\$661,369,273	-10.34%
7 Paper, paperboard scrap	\$530,450,230	40.23%
8 Low value shipments	\$502,265,890	32.59%
9 Acyclic hydrocarbons	\$441,624,109	57.10%
10 Oils derived from high temperature coal tar	\$435,313,397	36.05%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from India in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$54,407,473,609</b>	<b>11.88%</b>
1 Diamonds, not mounted	\$9,087,187,196	10.89%
2 Medicines in individual dosages	\$6,131,799,918	2.87%
3 Gasoline, other fuels	\$2,937,250,427	17.06%
4 Shrimp, other crustaceans	\$1,993,121,456	0.85%
5 Linens for bed, bath and kitchen	\$1,885,534,720	0.20%
6 Jewelry, parts	\$1,821,770,665	2.15%
7 Motor vehicle parts	\$1,202,271,102	21.15%
8 Motor vehicles for transporting people	\$1,148,473,566	914.29%
9 Vegetable extracts, pectates, agar, etc.	\$578,135,653	10.61%
10 Transmission shafts, bearings, gears	\$550,769,578	66.19%

Source: WorldCity analysis of U.S. Census Bureau data





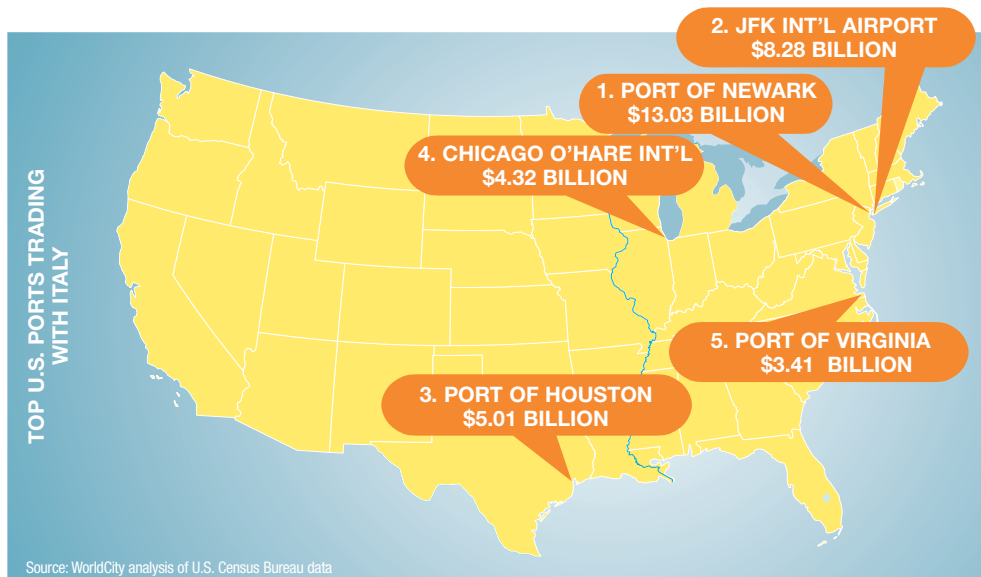
## Trade with Italy growing faster than U.S. average

United States' trade with Italy increased 14.04 percent in 2018, from \$68.29 billion to a record \$77.88 billion. Over the last five years, U.S. trade with Italy has grown 40.45 percent, or more than four times the U.S. average with the world of 9.33 percent.

**EXPORTS:** The U.S. export to Italy that grew the most and the fastest in 2018 was oil, which increased \$1.95 billion from 2017 to a total of \$2.81 billion in 2018, an increase of 225.01 percent.

**IMPORTS:** The U.S. import from Italy that grew the most in 2018 was aircraft and parts, which increased \$987.54 million from 2017 to a total of \$2.07 billion in 2018. The most rapid increase was in the value of imports of gasoline and related fuels, up 187.88 percent.

**BALANCE OF TRADE:** The United States ran a \$31.57 billion deficit with Italy in 2018, nearly identical to the 2017 total. For every dollar of trade between the two, 29.7 cents is a U.S. export. The U.S. world average is 39.56 percent. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Italy

RANK	CUSTOMS DISTRICT	2018		EXPORTS TO ITALY	IMPORTS FROM ITALY	SURPLUS/ (DEFICIT)
		TOTAL TRADE	CHANGE			
	<b>Total All Ports</b>	<b>\$77,875,569,900</b>	<b>14.04%</b>	<b>\$23,153,301,783</b>	<b>\$54,722,268,117</b>	<b>(\$31,568,966,334)</b>
1	Port of Newark	\$13,027,400,240	18.00%	\$463,106,398	\$12,564,293,842	(\$12,101,187,444)
2	JFK International Airport	\$8,275,900,433	4.49%	\$2,560,623,297	\$5,715,277,136	(\$3,154,653,839)
3	Port of Houston	\$5,007,364,367	30.34%	\$1,479,712,518	\$3,527,651,849	(\$2,047,939,331)
4	Chicago O'Hare Int'l Airport	\$4,318,992,150	15.93%	\$1,873,635,965	\$2,445,356,185	(\$571,720,220)
5	Port of Virginia	\$3,406,623,440	13.61%	\$590,262,577	\$2,816,360,863	(\$2,226,098,286)
6	Port of Savannah	\$3,241,795,035	14.92%	\$730,981,214	\$2,510,813,821	(\$1,779,832,607)
7	Port of Charleston	\$2,706,159,522	61.92%	\$573,353,301	\$2,132,806,221	(\$1,559,452,920)
8	Port of Baltimore, MD	\$2,447,756,773	-4.06%	\$305,834,306	\$2,141,922,467	(\$1,836,088,161)
9	Port of New Orleans	\$2,073,868,598	23.91%	\$711,967,743	\$1,361,900,855	(\$649,933,112)
10	Miami International Airport	\$1,881,832,415	28.76%	\$1,234,185,354	\$647,647,061	\$586,538,293
11	Los Angeles Int'l Airport	\$1,854,353,705	-4.43%	\$830,760,060	\$1,023,593,645	(\$192,833,585)
12	Atlanta Int'l Airport	\$1,736,958,881	9.73%	\$292,136,145	\$1,444,822,736	(\$1,152,686,591)
13	Cleveland Hopkins Int'l Airport	\$1,730,647,805	20.23%	\$912,720,707	\$817,927,098	\$94,793,609
14	Huntsville Int'l Airport, AL	\$1,434,918,981	-11.47%	\$47,019,446	\$1,387,899,535	(\$1,340,880,089)
15	Philadelphia Int'l Airport	\$1,433,954,203	58.55%	\$835,608,034	\$598,346,169	\$237,261,865
16	Detroit Ambassador Bridge, MI	\$1,215,643,682	19.18%	\$380,696,851	\$834,946,831	(\$454,249,980)
17	Port of Los Angeles	\$1,150,860,386	-6.78%	\$64,149,653	\$1,086,710,733	(\$1,022,561,080)
18	Port of Corpus Christi, TX	\$1,031,025,445	41.39%	\$908,513,709	\$122,511,736	\$786,001,973
19	Port of Oakland, CA	\$1,024,803,281	-0.06%	\$287,723,377	\$737,079,904	(\$449,356,527)
20	Port of New York	\$952,619,729	-31.45%	\$760,655,562	\$191,964,167	\$568,691,395

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Italy in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$23,153,301,783</b>	<b>26.36%</b>
1 Oil	\$2,813,613,810	225.01%
2 Vaccines, plasma, other blood "fractions"	\$2,503,961,546	45.35%
3 Civilian aircraft, parts	\$1,446,843,691	55.05%
4 Medicines in individual dosages	\$860,316,291	-37.91%
5 Insulin, hormones and steroids	\$744,825,187	22.33%
6 Scrap of precious metal	\$613,908,835	19.45%
7 Unwrought platinum in various forms	\$552,362,950	159.75%
8 Aircraft engines, engine parts	\$513,427,002	-2.51%
9 Low value shipments	\$498,026,461	25.67%
10 Motor vehicle parts	\$422,123,350	-9.23%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Italy in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$54,722,268,117</b>	<b>9.53%</b>
1 Motor vehicles for transporting people	\$4,606,865,781	-6.99%
2 Medicines in individual dosages	\$4,497,175,420	12.18%
3 Aircraft parts	\$2,066,240,914	91.55%
4 Wine	\$1,984,081,846	6.79%
5 Travel goods, including handbags, wallets, jewelry	\$1,180,058,856	25.12%
6 Leather shoes	\$1,140,536,272	8.80%
7 Gasoline, other fuels	\$1,088,926,178	187.88%
8 Returned exports, no change	\$1,070,478,089	-19.72%
9 Jewelry, parts	\$957,470,820	-3.01%
10 Vaccines, plasma, other blood "fractions"	\$935,816,798	-14.13%

Source: WorldCity analysis of U.S. Census Bureau data



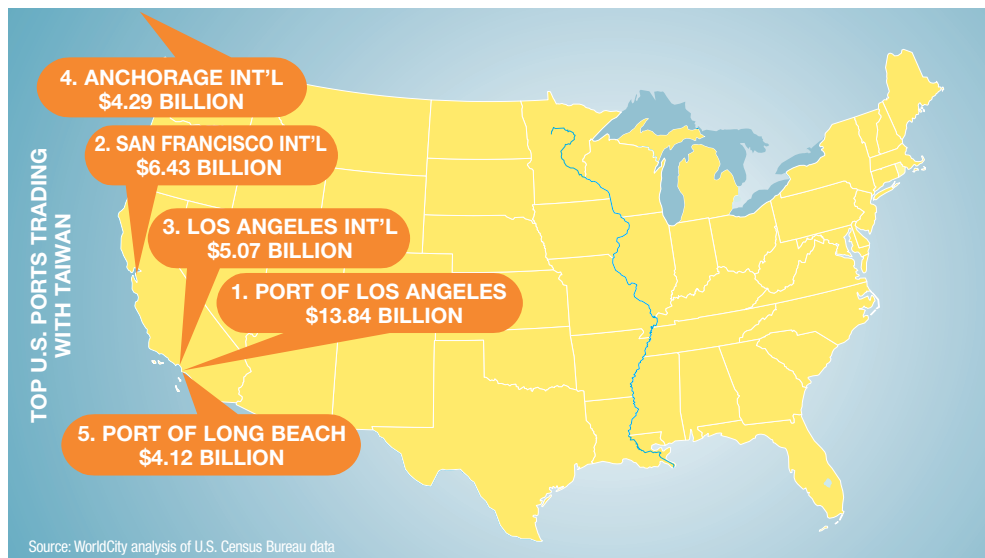
## Taiwan-U.S. trade tops \$70 billion, sets record again

Taiwan's trade with the United States topped \$70 billion for the first time in 2018, increasing 11.37 percent, from \$68.25 billion to \$76 billion. It was the second straight record year for trade between the two countries after six years without a record.

**EXPORTS:** Oil grew more and faster than any other U.S. export to Taiwan in 2018, increasing \$2.75 billion from 2017 to a total of \$3.05 billion, a 909.95 percent increase.

**IMPORTS:** The U.S. import from Taiwan that grew the most and the fastest in 2018 was the category of computer parts, which increased \$879.1 million from 2017 to a total of \$2.3 billion in 2018, an increase of 61.78 percent.

**BALANCE OF TRADE:** The United States ran a \$15.52 billion deficit with Taiwan in 2018. In 2017, it ran a \$16.74 billion deficit. For every dollar of trade between the two, 39.8 cents is a U.S. export. The U.S. average with the world is 39.56 percent. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Taiwan

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO TAIWAN	IMPORTS FROM TAIWAN	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>						
		<b>\$76,004,349,126</b>	<b>11.37%</b>	<b>\$30,242,789,570</b>	<b>\$45,761,559,556</b>	<b>(\$15,518,769,986)</b>
1	Port of Los Angeles	\$13,835,693,152	5.89%	\$2,349,097,072	\$11,486,596,080	(\$9,137,499,008)
2	San Francisco Int'l Airport	\$6,434,162,237	12.77%	\$2,976,441,478	\$3,457,720,759	(\$481,279,281)
3	Los Angeles Int'l Airport	\$5,070,077,949	2.15%	\$1,857,967,771	\$3,212,110,178	(\$1,354,142,407)
4	Anchorage Int'l Airport, AK	\$4,290,221,813	11.35%	\$1,132,456,966	\$3,157,764,847	(\$2,025,307,881)
5	Port of Long Beach	\$4,124,862,639	16.57%	\$2,018,218,086	\$2,106,644,553	(\$88,426,467)
6	Chicago O'Hare Int'l Airport	\$3,697,331,158	4.76%	\$1,139,929,708	\$2,557,401,450	(\$1,417,471,742)
7	Port of Oakland, CA	\$3,035,757,723	9.74%	\$1,261,979,118	\$1,773,778,605	(\$511,799,487)
8	Port of Tacoma, WA	\$2,961,678,812	-3.85%	\$761,205,767	\$2,200,473,045	(\$1,439,267,278)
9	Port of Newark	\$2,691,887,780	6.57%	\$160,951,291	\$2,530,936,489	(\$2,369,985,198)
10	JFK International Airport	\$2,490,821,303	7.06%	\$1,733,954,535	\$756,866,768	\$977,087,767
11	DFW International Airport, TX	\$2,388,618,952	-23.93%	\$1,968,404,483	\$420,214,469	\$1,548,190,014
12	Port of Savannah	\$2,197,388,022	11.88%	\$653,426,633	\$1,543,961,389	(\$890,534,756)
13	Port of Houston	\$2,189,727,820	84.43%	\$1,588,341,666	\$601,386,154	\$986,955,512
14	Port of Corpus Christi, TX	\$1,684,216,573	445.09%	\$1,671,397,671	\$12,818,902	\$1,658,578,769
15	Port of New Orleans	\$1,615,182,730	-7.08%	\$719,660,912	\$895,521,818	(\$175,860,906)
16	Atlanta Int'l Airport	\$1,598,314,268	51.84%	\$379,817,037	\$1,218,497,231	(\$838,680,194)
17	Cleveland Hopkins Int'l Airport	\$1,466,607,759	-0.88%	\$818,301,912	\$648,305,847	\$169,996,065
18	Port of Charleston	\$1,458,977,003	46.51%	\$749,120,859	\$709,856,144	\$39,264,715
19	Port of Virginia	\$979,666,297	6.75%	\$432,460,002	\$547,206,295	(\$114,746,293)
20	Port of Seattle, WA	\$833,712,778	22.06%	\$277,876,322	\$555,836,456	(\$277,960,134)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Taiwan in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>			
		<b>\$30,242,789,570</b>	<b>17.43%</b>
1	Computer chips	\$3,108,296,219	-1.05%
2	Oil	\$3,048,893,907	909.95%
3	Machinery, parts for semiconductor manufacturing	\$2,776,795,170	-16.57%
4	Civilian aircraft, parts	\$2,149,090,106	-14.38%
5	Soybeans	\$831,464,402	41.22%
6	Scrap iron, steel	\$718,226,706	54.95%
7	Corn	\$608,056,550	50.57%
8	Medical technology	\$530,304,565	10.26%
9	Motor vehicles for transporting people	\$472,448,967	44.52%
10	Miscellaneous machine parts	\$439,399,489	47.80%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Taiwan in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>			
		<b>\$45,761,559,556</b>	<b>7.70%</b>
1	Computer chips	\$4,182,972,446	7.43%
2	Computers	\$2,862,584,603	10.89%
3	Computer parts	\$2,301,980,237	61.78%
4	Cell phones, related equipment	\$2,144,323,885	-17.72%
5	Screws, nuts, bolts, washers	\$1,832,577,120	14.78%
6	Motor vehicle parts	\$1,628,983,249	2.47%
7	Unrecorded media for audio	\$1,603,396,971	16.56%
8	Returned exports, no change	\$1,162,278,504	21.73%
9	TV cameras, digital cameras, camcorders	\$833,945,196	-30.48%
10	Equipment, parts for exercising	\$831,011,788	10.21%

Source: WorldCity analysis of U.S. Census Bureau data



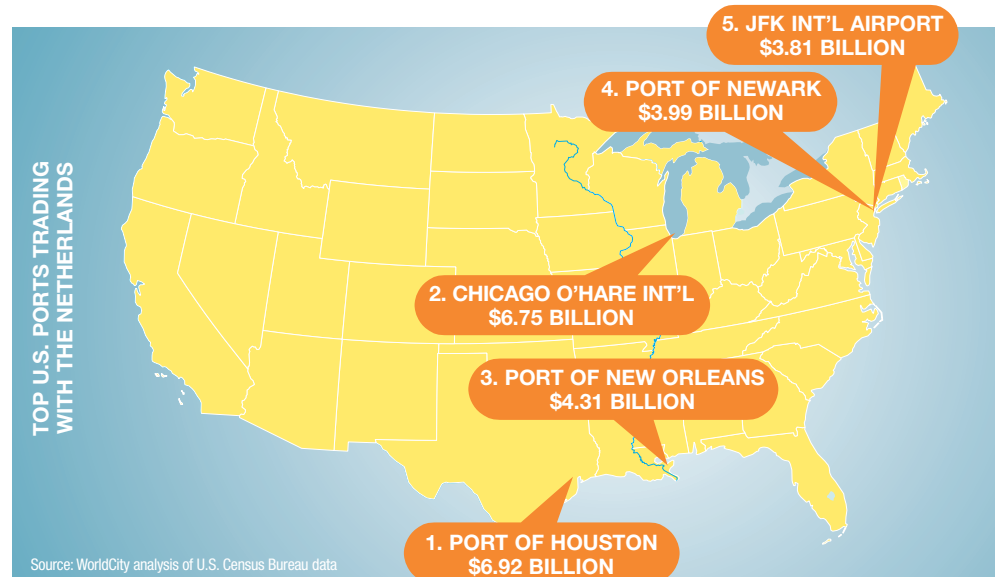
## Netherlands trade is fastest-growing in U.S. top 20

The Netherlands's trade with the United States increased 23.38 percent in 2018, from \$59.97 billion to \$74 billion. The first time that trade topped \$70 billion, it was also the first time it had topped \$60 billion since 2014.

**EXPORTS:** The U.S. export to the Netherlands that grew the most and the fastest in 2018 was oil, which increased \$1.8 billion from 2017 to a total of \$3.45 billion. That was an increase of 108.73 percent.

**IMPORTS:** Nine of the top 10 U.S. imports from the Netherlands grew more than 30 percent in 2018. The only top 10 import to decline in value in 2018 was beer, down 2.12 percent.

**BALANCE OF TRADE:** The United States ran a \$24.78 billion surplus with the Netherlands in 2018. In 2017, it ran a \$24.49 billion surplus. For every dollar of trade between the two, 66.7 cents was a U.S. export. The U.S. average with the world was 39.56 percent. **WC**



Top 20 U.S. ports trading with the Netherlands

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO THE NETHERLANDS	IMPORTS FROM THE NETHERLANDS	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$73,996,345,930</b>	<b>23.38%</b>	<b>\$49,390,541,239</b>	<b>\$24,605,804,691</b>	<b>\$24,784,736,548</b>
1	Port of Houston	\$6,924,312,300	19.88%	\$5,599,901,131	\$1,324,411,169	\$4,275,489,962
2	Chicago O'Hare Int'l Airport	\$6,747,964,201	72.51%	\$3,252,281,047	\$3,495,683,154	(\$243,402,107)
3	Port of New Orleans	\$4,313,075,048	6.60%	\$3,203,385,887	\$1,109,689,161	\$2,093,696,726
4	Port of Newark	\$3,994,960,615	22.05%	\$628,053,251	\$3,366,907,364	(\$2,738,854,113)
5	JFK International Airport	\$3,810,026,477	6.62%	\$2,703,199,992	\$1,106,826,485	\$1,596,373,507
6	Los Angeles Int'l Airport	\$3,366,818,093	31.53%	\$2,410,723,578	\$956,094,515	\$1,454,629,063
7	Atlanta Int'l Airport	\$2,853,591,736	52.63%	\$1,604,310,517	\$1,249,281,219	\$355,029,298
8	Port of Virginia	\$2,139,889,054	4.33%	\$1,379,182,674	\$760,706,380	\$618,476,294
9	Port of Charleston	\$2,120,858,663	3.88%	\$1,088,905,751	\$1,031,952,912	\$56,952,839
10	Port of New York	\$2,032,529,475	0.99%	\$1,843,358,582	\$189,170,893	\$1,654,187,689
11	Cleveland Hopkins Int'l Airport	\$2,029,413,574	3.04%	\$1,638,645,028	\$390,768,546	\$1,247,876,482
12	Seattle-Tacoma Int'l Airport	\$1,913,433,967	18.66%	\$651,052,338	\$1,262,381,629	(\$611,329,291)
13	Port of San Juan, Puerto Rico	\$1,711,745,049	22.04%	\$1,570,424,919	\$141,320,130	\$1,429,104,789
14	Port of Savannah	\$1,578,334,384	10.39%	\$1,035,568,408	\$542,765,976	\$492,802,432
15	Port of Southern Louisiana	\$1,434,265,303	32.15%	\$1,402,236,339	\$32,028,964	\$1,370,207,375
16	Port of Corpus Christi, TX	\$1,353,428,274	76.72%	\$1,328,605,873	\$24,822,401	\$1,303,783,472
17	Port of Beaumont, TX	\$1,311,840,847	162.88%	\$1,311,824,796	\$16,051	\$1,311,808,745
18	DFW International Airport, TX	\$1,286,802,343	34.58%	\$1,154,283,149	\$132,519,194	\$1,021,763,955
19	Houston Intercontinental Airport	\$1,245,258,716	-20.72%	\$1,055,194,227	\$190,064,489	\$865,129,738
20	San Francisco Int'l Airport	\$1,203,874,688	11.14%	\$1,027,181,976	\$176,692,712	\$850,489,264

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to the Netherlands in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$49,390,541,239</b>	<b>16.95%</b>
1	Medical instruments for surgeons, dentists, vets	\$3,768,213,068	17.37%
2	Gasoline, other fuels	\$3,613,794,567	9.23%
3	Oil	\$3,452,341,531	108.73%
4	Vaccines, plasma, other blood "fractions"	\$2,968,009,823	33.46%
5	Civilian aircraft, parts	\$2,051,670,308	-5.17%
6	Cell phones, related equipment	\$1,983,544,669	-6.40%
7	Orthopedic appliances, artificial body parts	\$1,848,481,533	17.75%
8	Medicines in individual dosages	\$1,614,286,571	29.43%
9	Soybeans	\$1,379,391,655	25.10%
10	Computers	\$1,147,002,431	-5.41%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from the Netherlands in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$24,605,804,691</b>	<b>38.68%</b>
1	Returned exports, no change	\$3,617,242,044	134.51%
2	Gasoline, other fuels	\$2,123,325,292	45.96%
3	Machinery, parts for semiconductor manufacturing	\$1,914,036,095	33.90%
4	Vaccines, plasma, other blood "fractions"	\$1,291,260,297	50.92%
5	Sutures, dental cements, etc.	\$1,197,481,248	412.71%
6	Beer	\$774,572,637	-2.12%
7	Certain heterocyclic compounds	\$753,124,905	1,837%
8	Motor vehicles for transporting people	\$664,473,290	20.61%
9	Radioactive chemical elements and isotopes	\$596,849,090	77.33%
10	X-ray apparatus	\$412,161,513	30.67%

Source: WorldCity analysis of U.S. Census Bureau data



## Brazil trade tops \$70 billion but 2012 record holds

**B**razil's trade with the United States increased 6.24 percent in 2018, from \$66.5 billion to \$70.66 billion. Although it was the first time U.S.-Brazil trade topped \$70 billion in three years, it remains below the totals for the years, 2011, 2012, 2013 and 2014. The record year was in 2012 at \$75.89 billion.

**EXPORTS:** The U.S. export to Brazil that grew the most in 2018 was civilian aircraft and parts, which increased \$660.93 million from 2017 to a total of \$6.03 billion in 2018.

**IMPORTS:** The U.S. import from Brazil that grew the most in dollar terms in 2018 was gasoline and other petroleum-based fuels, which increased \$685.56 million from 2017 to a total of \$1.3 billion in 2018.

**BALANCE OF TRADE:** The United States ran a \$8.33 billion surplus with Brazil in 2018. In 2017, it ran a \$7.65 billion surplus. For every dollar of trade between the two, 55.9 cents was a U.S. export. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Brazil

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO BRAZIL	IMPORTS FROM BRAZIL	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$70,655,549,779</b>	<b>6.24%</b>	<b>\$39,494,176,727</b>	<b>\$31,161,373,052</b>	<b>\$8,332,803,675</b>
1	Miami International Airport	\$12,975,349,834	4.80%	\$9,720,177,364	\$3,255,172,470	\$6,465,004,894
2	Port of Houston	\$9,604,541,402	5.24%	\$6,548,056,512	\$3,056,484,890	\$3,491,571,622
3	Port of New Orleans	\$3,479,875,645	8.97%	\$2,503,794,260	\$976,081,385	\$1,527,712,875
4	Port of Virginia	\$2,439,134,025	-33.11%	\$976,104,334	\$1,463,029,691	(\$486,925,357)
5	Port of Jacksonville, FL	\$2,423,368,347	32.28%	\$1,754,637,225	\$668,731,122	\$1,085,906,103
6	Port of New York	\$2,268,679,648	1.88%	\$1,415,374,416	\$853,305,232	\$562,069,184
7	Port of Baltimore, MD	\$2,081,283,691	22.86%	\$373,435,679	\$1,707,848,012	(\$1,334,412,333)
8	Port of Mobile, AL	\$1,967,124,111	4.61%	\$116,438,896	\$1,850,685,215	(\$1,734,246,319)
9	Port of Charleston	\$1,912,983,179	28.02%	\$933,734,246	\$979,248,933	(\$45,514,687)
10	Port of Newark	\$1,783,205,115	-11.59%	\$238,646,484	\$1,544,558,631	(\$1,305,912,147)
11	Port of Southern Louisiana	\$1,662,525,495	84.24%	\$881,158,751	\$781,366,744	\$99,792,007
12	Port Everglades, FL	\$1,592,465,810	4.22%	\$1,051,459,337	\$541,006,473	\$510,452,864
13	Port of Philadelphia	\$1,468,579,598	0.48%	\$260,958,996	\$1,207,620,602	(\$946,661,606)
14	San Juan Intl Airport, P.R.	\$1,338,469,368	139.98%	\$85,509,986	\$1,252,959,382	(\$1,167,449,396)
15	JFK International Airport	\$1,317,617,476	-17.42%	\$715,177,564	\$602,439,912	\$112,737,652
16	Orlando International Airport	\$1,264,812,802	11.76%	\$1,094,579,308	\$170,233,494	\$924,345,814
17	Port Arthur, TX	\$1,150,843,276	-8.52%	\$684,490,706	\$466,352,570	\$218,138,136
18	Port of Savannah	\$1,122,117,651	14.47%	\$522,412,482	\$599,705,169	(\$77,292,687)
19	Port of Corpus Christi, TX	\$1,099,920,952	-3.40%	\$913,366,846	\$186,554,106	\$726,812,740
20	Port of Galveston, TX	\$1,086,890,798	63.27%	\$489,999,916	\$596,890,882	(\$106,890,966)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Brazil in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$39,494,176,727</b>	<b>6.52%</b>
1 Gasoline, other fuels	\$6,259,889,722	-3.53%
2 Civilian aircraft, parts	\$6,028,499,350	12.31%
3 Coal, briquettes	\$1,193,664,092	19.34%
4 Petroleum gases, other gaseous hydrocarbons	\$1,023,144,542	30.49%
5 Computer chips	\$873,484,071	-8.71%
6 Ethyl alcohol	\$818,305,087	8.50%
7 Cell phones, related equipment	\$766,323,382	-4.70%
8 Plastics	\$762,979,894	41.05%
9 Insecticides, fungicides	\$709,138,720	67.27%
10 Misc. mineral or chemical fertilizers	\$683,412,230	4.19%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Brazil in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$31,161,373,052</b>	<b>5.89%</b>
1 Oil	\$3,779,003,121	1.87%
2 Aircraft	\$1,987,758,165	-19.75%
3 Returned exports, no change	\$1,856,925,610	36.98%
4 Returned exports, with change	\$1,603,417,087	-13.20%
5 Semifinished products of iron, nonalloy steel	\$1,437,617,573	27.13%
6 Chemical wood pulp, not dissolving grade	\$1,299,127,278	23.84%
7 Gasoline, other fuels	\$1,296,870,421	112.15%
8 Coffee	\$938,178,956	-11.70%
9 Steel ingots	\$747,748,124	28.35%
10 Self-propelled heavy construction machinery	\$704,983,736	43.64%

Source: WorldCity analysis of U.S. Census Bureau data



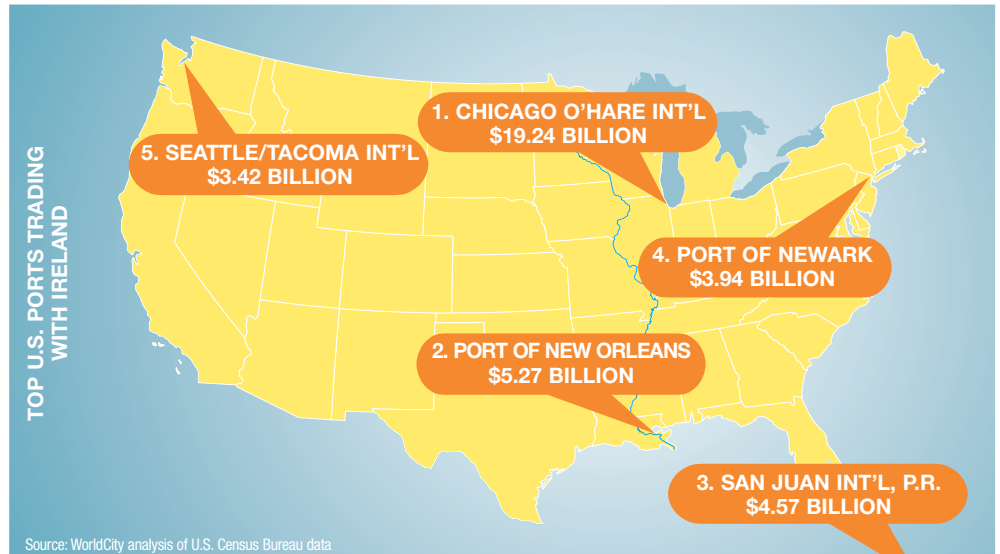
## For fourth year straight, Ireland sets trade record

The United States' trade with Ireland increased 14.39 percent in 2018, from \$59.58 billion to a record \$68.16 billion. For Irish-U.S. trade, it was the fourth consecutive record year.

**EXPORTS:** U.S. exports fell 0.46 percent, with sharp declines in the category of vaccines, plasma and other blood "fractions," down \$512.04 million; medicines in individual dosages, down \$289.29 million; and medicines not in individual dosages, off \$153.38 million.

**IMPORTS:** The U.S. import from Ireland that grew the most in 2018 was the category of vaccines, plasma and other blood "fractions," which increased \$2.71 billion from 2017 to a total of \$13.44 billion in 2018, overtaking medicines in individual dosages to rank as the most valuable import.

**BALANCE OF TRADE:** The United States ran a \$46.78 billion deficit with Ireland in 2018. In 2017, it ran a \$38.11 billion deficit. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Ireland

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO IRELAND	IMPORTS FROM IRELAND	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$68,156,006,559</b>	<b>14.39%</b>	<b>\$10,686,900,725</b>	<b>\$57,469,105,834</b>	<b>(\$46,782,205,109)</b>
1	Chicago O'Hare Int'l Airport	\$19,235,767,409	31.51%	\$1,075,697,589	\$18,160,069,820	(\$17,084,372,231)
2	Port of New Orleans	\$5,266,532,474	64.75%	\$1,108,877,527	\$4,157,654,947	(\$3,048,777,420)
3	San Juan Int'l Airport, P.R.	\$4,571,735,284	110.77%	\$104,045,558	\$4,467,689,726	(\$4,363,644,168)
4	Port of Newark	\$3,935,315,851	38.64%	\$145,598,586	\$3,789,717,265	(\$3,644,118,679)
5	Seattle-Tacoma Int'l Airport	\$3,419,579,324	-16.32%	\$1,829,023,999	\$1,590,555,325	\$238,468,674
6	Atlanta Int'l Airport	\$3,282,033,358	4.74%	\$101,399,282	\$3,180,634,076	(\$3,079,234,794)
7	Port Huron, MI	\$3,137,384,618	-24.70%	\$167,903,420	\$2,969,481,198	(\$2,801,577,778)
8	Cincinnati/Northern Kentucky Int'l	\$3,010,796,815	3.03%	\$6,166,449	\$3,004,630,366	\$2,998,463,917
9	Boston's Logan Int'l Airport	\$2,269,053,574	-23.48%	\$487,850,029	\$1,781,203,545	(\$1,293,353,516)
10	Cleveland Hopkins Int'l Airport	\$2,025,398,921	-15.79%	\$1,338,782,298	\$686,616,623	\$652,165,675
11	Los Angeles Int'l Airport	\$1,915,915,233	35.96%	\$548,497,853	\$1,367,417,380	(\$818,919,527)
12	DFW International Airport, TX	\$1,487,593,654	-19.04%	\$74,795,349	\$1,412,798,305	(\$1,338,002,956)
13	JFK International Airport	\$1,440,903,602	4.02%	\$723,769,482	\$717,134,120	\$6,635,362
14	Philadelphia Int'l Airport	\$1,317,826,310	133.11%	\$267,759,519	\$1,050,066,791	(\$782,307,272)
15	Port of Houston	\$1,238,001,683	16.02%	\$71,293,686	\$1,166,707,997	(\$1,095,414,311)
16	Port of Savannah	\$1,177,866,874	16.54%	\$112,582,735	\$1,065,284,139	(\$952,701,404)
17	Houlton, Maine	\$951,239,071	-18.19%	\$0	\$951,239,071	(\$951,239,071)
18	Indianapolis Int'l Airport, IN.	\$851,391,766	15.51%	\$11,512,654	\$839,879,112	(\$828,366,458)
19	Port of Philadelphia	\$786,840,517	34.38%	\$22,036,300	\$764,804,217	(\$742,767,917)
20	Port of Baltimore, MD	\$690,168,258	324.87%	\$38,576,670	\$651,591,588	(\$613,014,918)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Ireland in 2018

RANK	VALUE	CHANGE
<b>Total Exports</b>	<b>\$10,686,900,725</b>	<b>-0.46%</b>
1 Civilian aircraft, parts	\$1,857,615,650	4.15%
2 Vaccines, plasma, other blood "fractions"	\$1,186,813,744	-30.14%
3 Medicines in individual dosages	\$652,959,370	-30.70%
4 Medicines not in individual dosages	\$582,389,476	-20.85%
5 Computers	\$572,418,617	29.74%
6 Medical instruments for surgeons, dentists, vets	\$455,105,325	13.50%
7 Orthopedic appliances, artificial body parts	\$367,181,808	5.35%
8 Oil	\$291,945,742	-16.23%
9 Computer parts	\$258,946,535	126.80%
10 Cell phones, related equipment	\$249,329,493	4.70%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Ireland in 2018

RANK	VALUE	CHANGE
<b>Total Imports</b>	<b>\$57,469,105,834</b>	<b>17.66%</b>
1 Vaccines, plasma, other blood "fractions"	\$13,439,727,165	25.25%
2 Medicines in individual dosages	\$13,011,861,865	1.07%
3 Heterocyclic chemical compounds	\$5,231,780,585	40.17%
4 Orthopedic appliances, artificial body parts	\$4,885,954,197	18.33%
5 Returned exports, no change	\$4,758,338,043	65.94%
6 Misc. raw materials for industrial manufacturing	\$2,762,093,025	22.39%
7 Sulfonamides	\$2,570,823,887	76.17%
8 Medical instruments for surgeons, dentists, vets	\$2,284,196,309	19.49%
9 Nucleic acids and salts, heterocyclic compounds	\$2,276,931,358	4.07%
10 Computer chips	\$1,065,402,724	-51.49%

Source: WorldCity analysis of U.S. Census Bureau data



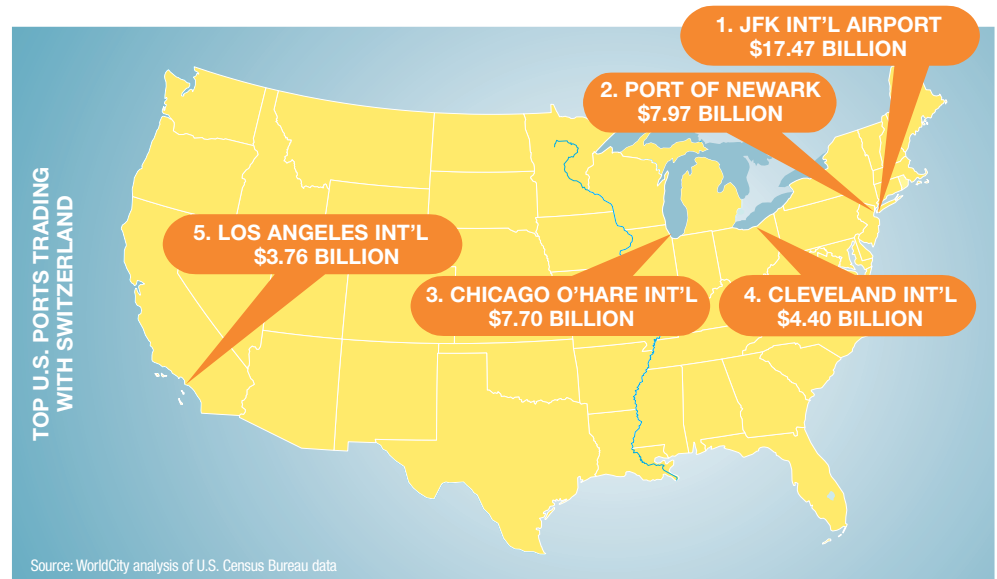
## Switzerland trade tops \$60 billion on way to record

Switzerland's trade with the United States increased 9.83 percent in 2018, from \$57.7 billion to a record \$63.37 billion. It was the first time U.S.-Swiss trade topped \$60 billion.

**EXPORTS:** The U.S. export to Switzerland that grew the most, and by the greatest percentage among the top 20, was the category of paintings, drawings and other artwork, which increased \$561.81 million from the 2017 total to \$1.93 billion in 2018. That is a 41.10 percent increase.

**IMPORTS:** The U.S. import from Switzerland that grew the most was medicines in individual dosages, which increased \$1.96 billion from the 2017 total to \$11.9 billion in 2018.

**BALANCE OF TRADE:** The United States ran a \$18.91 billion deficit with Switzerland in 2018. In 2017, it had run a \$14.31 billion deficit. For every dollar of trade between the two, 35.1 cents is a U.S. export. The U.S. average with the world is 39.56 percent. **WC**



Top 20 U.S. ports trading with Switzerland

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO SWITZERLAND	IMPORTS FROM SWITZERLAND	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$63,369,131,990</b>	<b>9.83%</b>	<b>\$22,230,659,923</b>	<b>\$41,138,472,067</b>	<b>(\$18,907,812,144)</b>
1	JFK International Airport	\$17,466,310,661	10.53%	\$9,907,307,605	\$7,559,003,056	\$2,348,304,549
2	Port of Newark	\$7,968,217,279	44.45%	\$285,309,148	\$7,682,908,131	(\$7,397,598,983)
3	Chicago O'Hare Int'l Airport	\$7,702,386,419	25.99%	\$718,041,182	\$6,984,345,237	(\$6,266,304,055)
4	Cleveland Hopkins Int'l Airport	\$4,400,722,366	31.93%	\$834,255,363	\$3,566,467,003	(\$2,732,211,640)
5	Los Angeles Int'l Airport	\$3,756,373,348	-16.65%	\$2,731,955,146	\$1,024,418,202	\$1,707,536,944
6	Port of New Orleans	\$2,686,335,922	14.37%	\$719,979,572	\$1,966,356,350	(\$1,246,376,778)
7	Boston's Logan Int'l Airport	\$1,647,133,860	-5.39%	\$224,087,151	\$1,423,046,709	(\$1,198,959,558)
8	Miami International Airport	\$1,517,830,227	-47.96%	\$940,803,202	\$577,027,025	\$363,776,177
9	San Francisco Int'l Airport	\$1,360,117,214	13.79%	\$868,863,496	\$491,253,718	\$377,609,778
10	Philadelphia Int'l Airport	\$1,275,789,467	112.52%	\$217,900,369	\$1,057,889,098	(\$839,988,729)
11	Port of Virginia	\$1,017,266,756	-20.15%	\$282,382,237	\$734,884,519	(\$452,502,282)
12	Salt Lake City Int'l Airport, UT	\$970,079,425	5.47%	\$964,111,937	\$5,967,488	\$958,144,449
13	Huntsville Int'l Airport, AL	\$957,297,423	72.84%	\$16,148,701	\$941,148,722	(\$925,000,021)
14	Atlanta Int'l Airport	\$678,929,232	2.99%	\$291,560,769	\$387,368,463	(\$95,807,694)
15	Port of Houston	\$640,230,990	5.62%	\$254,600,260	\$385,630,730	(\$131,030,470)
16	Denver International Airport, CO	\$623,784,584	21.08%	\$54,875,979	\$568,908,605	(\$514,032,626)
17	Port of Charleston	\$610,226,127	-5.62%	\$93,096,106	\$517,130,021	(\$424,033,915)
18	Port of Baltimore, MD	\$572,911,401	42.89%	\$364,184,263	\$208,727,138	\$155,457,125
19	Dulles Int'l Airport	\$551,471,364	-24.76%	\$210,096,554	\$341,374,810	(\$131,278,256)
20	DFW International Airport, TX	\$478,963,084	-3.31%	\$93,668,226	\$385,294,858	(\$291,626,632)

Top U.S. exports to Switzerland in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$22,230,659,923</b>	<b>2.47%</b>
1	Gold	\$6,775,939,885	5.69%
2	Paintings, drawings and other artwork	\$1,928,795,364	41.10%
3	Jewelry, parts	\$1,719,646,497	2.26%
4	Vaccines, plasma, other blood "fractions"	\$1,407,761,072	4.93%
5	Diamonds, not mounted	\$1,291,067,881	-8.92%
6	Civilian aircraft, parts	\$1,107,934,117	-21.40%
7	Orthopedic appliances, artificial body parts	\$648,950,461	-7.54%
8	Low value shipments	\$472,391,211	1.14%
9	Precious stones	\$459,761,897	-0.84%
10	Medicines in individual dosages	\$455,194,700	-5.25%

Top U.S. imports from Switzerland in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$41,138,472,067</b>	<b>14.27%</b>
1	Medicines in individual dosages	\$11,899,218,944	19.74%
2	Returned exports, no change	\$5,587,313,222	32.15%
3	Heterocyclic chemical compounds	\$3,314,853,432	33.45%
4	Vaccines, plasma, other blood "fractions"	\$1,939,018,647	11.22%
5	Wrist and pocket watches, not precious metals	\$1,864,700,526	6.50%
6	Orthopedic appliances, artificial body parts	\$1,416,762,680	8.84%
7	Medical instruments for surgeons, dentists, vets	\$1,331,212,396	15.72%
8	Wrist and pocket watches, precious metals	\$952,084,896	-0.63%
9	Sweetened waters	\$717,928,300	-11.00%
10	Diamonds, not mounted	\$497,191,183	-14.95%



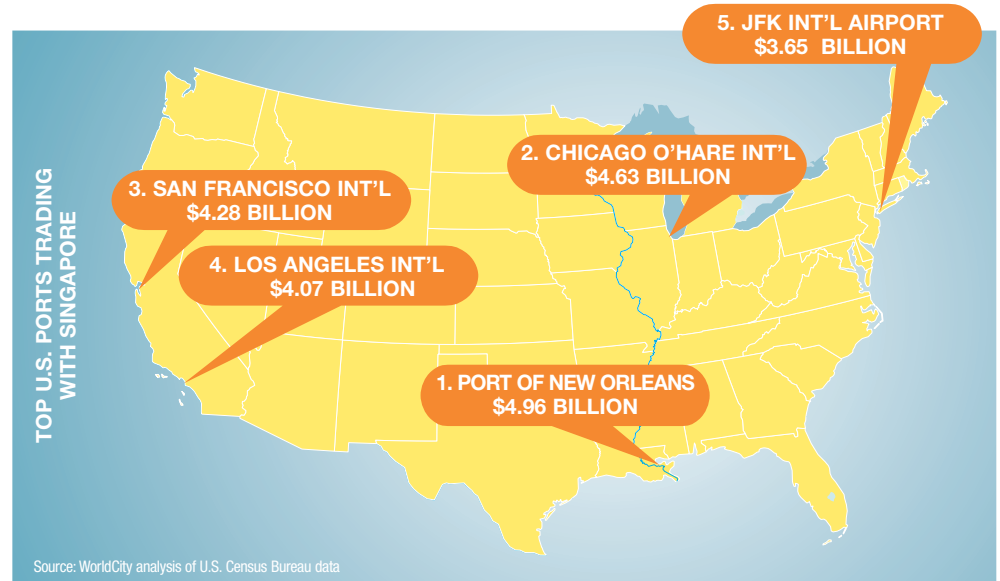
## For 2-year growth, Singapore stands atop the top 20

Singapore's trade with the United States increased 22.88 percent in 2018, from \$49.15 billion to a record \$60.4 billion. It was the first time Singapore's U.S. trade topped \$60 billion and a 35.21 percent two-year increase. Among the top 20 U.S. trade partners, no other country's trade has grown more rapidly in two years.

**EXPORTS:** The U.S. export to Singapore that grew the most in 2018 was civilian aircraft and parts, which increased \$1.24 billion from the 2017 total to \$5.64 billion in 2018. Oil, up 127.42 percent, grew the fastest among top 10 exports in 2018.

**IMPORTS:** The U.S. import from Singapore that grew the most in 2018 was the category of prepared foods and beverages, which increased \$2.6 billion from \$2.02 million in 2017 to a total of \$2.61 billion in 2018.

**BALANCE OF TRADE:** The United States ran a \$5.88 billion surplus with Singapore in 2018. **wc**



Top 20 U.S. ports trading with Singapore

RANK CUSTOMS DISTRICT	2018		EXPORTS TO SINGAPORE	IMPORTS FROM SINGAPORE	SURPLUS/ (DEFICIT)
	TOTAL TRADE	CHANGE			
<b>Total All Ports</b>	<b>\$60,397,483,410</b>	<b>22.88%</b>	<b>\$33,141,037,988</b>	<b>\$27,256,445,422</b>	<b>\$5,884,592,566</b>
1 Port of New Orleans	\$4,960,468,851	18.93%	\$3,491,404,355	\$1,469,064,496	\$2,022,339,859
2 Chicago O'Hare Int'l Airport	\$4,634,849,577	27.79%	\$2,029,222,285	\$2,605,627,292	(\$576,405,007)
3 San Francisco Int'l Airport	\$4,280,015,988	-6.26%	\$2,386,599,237	\$1,893,416,751	\$493,182,486
4 Los Angeles Int'l Airport	\$4,074,514,787	12.35%	\$2,011,550,355	\$2,062,964,432	(\$51,414,077)
5 JFK International Airport	\$3,654,775,070	18.58%	\$2,139,190,652	\$1,515,584,418	\$623,606,234
6 Anchorage Int'l Airport, AK	\$3,614,743,031	46.44%	\$1,680,811,101	\$1,933,931,930	(\$253,120,829)
7 Port of Savannah	\$3,525,180,418	254.48%	\$383,442,129	\$3,141,738,289	(\$2,758,296,160)
8 Port of Houston	\$3,177,523,882	30.48%	\$2,971,147,362	\$206,376,520	\$2,764,770,842
9 Cleveland Hopkins Int'l Airport	\$2,927,475,002	15.77%	\$2,346,205,014	\$581,269,988	\$1,764,935,026
10 Port of Los Angeles	\$2,475,462,629	7.15%	\$1,552,823,257	\$922,639,372	\$630,183,885
11 Miami International Airport	\$2,420,454,095	50.81%	\$176,741,944	\$2,243,712,151	(\$2,066,970,207)
12 Atlanta Int'l Airport	\$2,285,062,928	8.94%	\$960,314,340	\$1,324,748,588	(\$364,434,248)
13 Port of Charleston	\$2,115,547,385	442.79%	\$1,918,240,715	\$197,306,670	\$1,720,934,045
14 DFW International Airport, TX	\$2,034,353,126	11.00%	\$1,382,346,852	\$652,006,274	\$730,340,578
15 Seattle-Tacoma Int'l Airport	\$2,015,802,449	10.12%	\$558,103,170	\$1,457,699,279	(\$899,596,109)
16 Port of New York	\$927,820,304	32.31%	\$911,780,488	\$16,039,816	\$895,740,672
17 Low-value imports	\$738,210,592	7.71%	\$738,210,592	\$0	\$738,210,592
18 Port of Newark	\$723,875,552	15.17%	\$238,766,574	\$485,108,978	(\$246,342,404)
19 Port of Virginia	\$713,201,790	-9.77%	\$272,501,247	\$440,700,543	(\$168,199,296)
20 Dulles Int'l Airport	\$666,911,277	116.27%	\$227,369,512	\$439,541,765	(\$212,172,253)

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. exports to Singapore in 2018

RANK		VALUE	CHANGE
	<b>Total Exports</b>	<b>\$33,141,037,988</b>	<b>11.39%</b>
1	Civilian aircraft, parts	\$5,635,083,618	28.09%
2	Gasoline, other fuels	\$2,379,177,666	5.25%
3	Machinery, parts for semiconductor manufacturing	\$1,601,508,618	22.53%
4	Oil	\$1,317,392,864	127.42%
5	Computer chips	\$1,188,342,306	-11.79%
6	Medical instruments for surgeons, dentists, vets	\$961,986,363	3.32%
7	Cell phones, related equipment	\$808,914,415	14.17%
8	Computers	\$760,420,863	7.91%
9	Low value shipments	\$738,210,592	7.71%
10	Petroleum gases, other gaseous hydrocarbons	\$611,906,749	-22.31%

Source: WorldCity analysis of U.S. Census Bureau data

Top U.S. imports from Singapore in 2018

RANK		VALUE	CHANGE
	<b>Total Imports</b>	<b>\$27,256,445,422</b>	<b>40.52%</b>
1	Returned exports, no change	\$2,984,156,354	20.62%
2	Vaccines, plasma, other blood "fractions"	\$2,833,499,618	216.31%
3	Prepared foods, beverages	\$2,608,314,186	63,836%
4	Aircraft engines, engine parts	\$2,105,079,615	12.26%
5	Medicines in individual dosages	\$1,977,119,727	38.08%
6	Oxygen-function amino-compounds	\$1,235,195,282	51.43%
7	Gasoline, other fuels	\$786,619,747	1.88%
8	Respiration equipment, etc.	\$781,269,263	8.77%
9	Medical equipment for physicals	\$750,078,694	10.55%
10	Machinery, parts for semiconductor manufacturing	\$745,763,361	7.33%

Source: WorldCity analysis of U.S. Census Bureau data



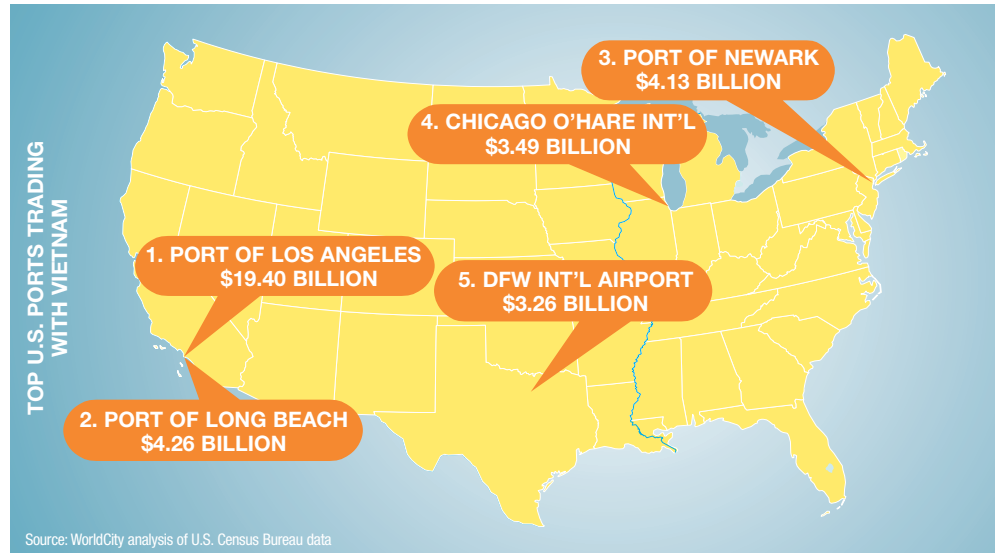
## Vietnam-U.S. trade sets 25th record in 26 years

Vietnam's trade with the United States increased 7.78 percent in 2018, from \$54.65 billion to \$58.9 billion. U.S. trade with Vietnam has set a record 25 of the last 26 years and its trade has grown faster in the last five years – 98.35 percent – that any top 20 U.S. trade partner and 10 times faster than the U.S. average.

**EXPORTS:** Only two exports topped \$1 billion in value in 2018, cotton and computer chips, although overall exports increased 1.52 billion.

**IMPORTS:** Five of the top 10 imports from Vietnam grew in double digits, with cell phones and related equipment growing both the most – \$1.04 billion – and, among the top 10, the fastest – 19.28 percent.

**BALANCE OF TRADE:** The United States ran a \$39.53 billion deficit with Vietnam in 2018. For every dollar of trade between the two, 16.4 cents was a U.S. export. **wc**



Source: WorldCity analysis of U.S. Census Bureau data

**Top 20 U.S. ports trading with Vietnam**

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO VIETNAM	IMPORTS FROM VIETNAM	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>						
		<b>\$58,895,793,093</b>	<b>7.78%</b>	<b>\$9,683,740,424</b>	<b>\$49,212,052,669</b>	<b>(\$39,528,312,245)</b>
1	Port of Los Angeles	\$19,396,608,570	8.70%	\$1,531,182,547	\$17,865,426,023	(\$16,334,243,476)
2	Port of Long Beach	\$4,258,646,729	26.27%	\$1,138,795,470	\$3,119,851,259	(\$1,981,055,789)
3	Port of Newark	\$4,127,646,319	12.89%	\$64,986,807	\$4,062,659,512	(\$3,997,672,705)
4	Chicago O'Hare Int'l Airport	\$3,485,700,262	-10.33%	\$226,038,696	\$3,259,661,566	(\$3,033,622,870)
5	DFW International Airport, TX	\$3,264,762,401	55.15%	\$382,320,713	\$2,882,441,688	(\$2,500,120,975)
6	Port of Tacoma, WA	\$2,481,694,448	32.15%	\$255,861,292	\$2,225,833,156	(\$1,969,971,864)
7	Port of Savannah	\$2,256,059,451	-3.45%	\$531,354,067	\$1,724,705,384	(\$1,193,351,317)
8	Port of Virginia	\$1,854,472,890	4.71%	\$383,131,866	\$1,471,341,024	(\$1,088,209,158)
9	Port of New Orleans	\$1,704,028,493	-16.76%	\$188,737,709	\$1,515,290,784	(\$1,326,553,075)
10	Port of Oakland, CA	\$1,669,732,960	10.17%	\$538,010,744	\$1,131,722,216	(\$593,711,472)
11	Los Angeles Int'l Airport	\$1,393,508,697	3.13%	\$408,873,514	\$984,635,183	(\$575,761,669)
12	Port of Charleston	\$1,313,114,478	24.51%	\$274,941,074	\$1,038,173,404	(\$763,232,330)
13	Port of Houston	\$1,239,685,601	57.95%	\$332,550,163	\$907,135,438	(\$574,585,275)
14	JFK International Airport	\$871,958,536	7.39%	\$207,527,278	\$664,431,258	(\$456,903,980)
15	Port of Seattle, WA	\$731,310,255	-1.84%	\$231,976,777	\$499,333,478	(\$267,356,701)
16	Seattle-Tacoma Int'l Airport	\$727,440,159	-33.38%	\$626,489,716	\$100,950,443	\$525,539,273
17	Anchorage Int'l Airport, AK	\$688,994,732	-3.35%	\$104,618,602	\$584,376,130	(\$479,757,528)
18	Port of Jacksonville, FL	\$617,417,949	-23.11%	\$11,161,042	\$606,256,907	(\$595,095,865)
19	Port of Baltimore, MD	\$460,294,679	-6.24%	\$42,814,965	\$417,479,714	(\$374,664,749)
20	Port Miami	\$438,422,869	21.79%	\$27,182,611	\$411,240,258	(\$384,057,647)

Source: WorldCity analysis of U.S. Census Bureau data

**Top U.S. exports to Vietnam in 2018**

RANK	VALUE	CHANGE
<b>Total Exports</b>		
	<b>\$9,683,740,424</b>	<b>18.62%</b>
1	Cotton	\$1,313,633,032 24.11%
2	Computer chips	\$1,045,881,409 -36.05%
3	Soybeans	\$475,877,579 62.74%
4	Corn	\$355,148,965 13.870%
5	Scrap iron, steel	\$335,107,198 61.71%
6	Almonds, walnuts, pistachios, hazelnuts, etc.	\$288,215,433 -6.72%
7	Cell phones, related equipment	\$280,229,082 -2.83%
8	Sugar and starch residues	\$275,428,748 329.31%
9	Parts of footwear; insoles, gaitors, etc.	\$242,160,661 35.52%
10	Wood, sawed or chipped, greater than 6 meters thick	\$229,251,419 14.89%

Source: WorldCity analysis of U.S. Census Bureau data

**Top U.S. imports from Vietnam in 2018**

RANK	VALUE	CHANGE
<b>Total Imports</b>		
	<b>\$49,212,052,669</b>	<b>5.87%</b>
1	Cell phones, related equipment	\$6,421,405,684 19.28%
2	Furniture, parts	\$3,588,937,311 6.38%
3	Shoes made of textile	\$2,892,342,426 14.77%
4	Sweaters, pullovers, vests, knit or crocheted	\$2,347,915,328 5.59%
5	Leather shoes	\$2,091,180,945 14.28%
6	Women's or girls' suits, knit or crocheted	\$1,659,289,989 3.86%
7	Seats, excluding barber, dental	\$1,435,701,923 14.16%
8	Women's or girls' suits, not knit	\$1,403,819,356 10.24%
9	Computer chips	\$1,376,080,292 -36.40%
10	Coconuts, brazil nuts, cashew nuts	\$1,221,491,699 2.68%

Source: WorldCity analysis of U.S. Census Bureau data





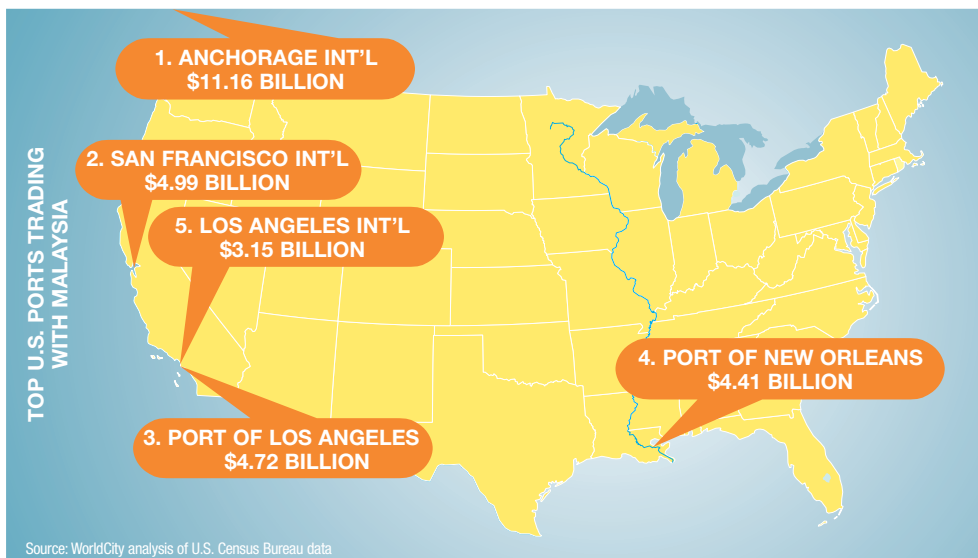
## Computer chip imports fuel Malaysia trade

Malaysia's trade with the United States increased 4.01 percent in 2018, from \$50.24 billion to a record \$52.25 billion. It was the second straight year of record trade for the United States and Malaysia and ended a streak dating back to 2006 without a record.

**EXPORTS:** Exports grew slightly, up 0.30 percent, even though the top two exports, computer chips and aircraft and related parts, fell sharply.

**IMPORTS:** While computer chip exports fell sharply, imports grew \$2.46 billion from the 2017 total to \$15.02 billion in 2018, more than any other import. Overall imports grew 5.28 percent, despite a 26.57 percent decrease in the value of cell phones and related equipment.

**BALANCE OF TRADE:** The United States ran a \$26.52 billion deficit with Malaysia in 2018. For every dollar of trade between the two, 24.6 cents was a U.S. export. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Malaysia

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO MALAYSIA	IMPORTS FROM MALAYSIA	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$52,248,486,458</b>	<b>4.01%</b>	<b>\$12,864,625,115</b>	<b>\$39,383,861,343</b>	<b>(\$26,519,236,228)</b>
1	Anchorage Int'l Airport, AK	\$11,161,270,147	3.96%	\$1,075,000,003	\$10,086,270,144	(\$9,011,270,141)
2	San Francisco Int'l Airport	\$4,988,160,609	-12.89%	\$739,272,945	\$4,248,887,664	(\$3,509,614,719)
3	Port of Los Angeles	\$4,717,353,883	3.26%	\$980,052,530	\$3,737,301,353	(\$2,757,248,823)
4	Port of New Orleans	\$4,405,516,817	92.20%	\$456,208,305	\$3,949,308,512	(\$3,493,100,207)
5	Los Angeles Int'l Airport	\$3,147,789,442	6.05%	\$737,595,086	\$2,410,194,356	(\$1,672,599,270)
6	Cleveland Hopkins Int'l Airport	\$2,326,250,832	-14.53%	\$1,534,950,106	\$791,300,726	\$743,649,380
7	Chicago O'Hare Int'l Airport	\$2,207,729,764	23.25%	\$752,911,296	\$1,454,818,468	(\$701,907,172)
8	Port of Virginia	\$1,728,679,015	-6.63%	\$333,360,305	\$1,395,318,710	(\$1,061,958,405)
9	Port of Newark	\$1,700,960,577	13.61%	\$87,668,917	\$1,613,291,660	(\$1,525,622,743)
10	DFW International Airport, TX	\$1,483,894,391	-30.01%	\$709,219,700	\$774,674,691	(\$65,454,991)
11	Atlanta Int'l Airport	\$1,355,652,392	41.84%	\$157,012,920	\$1,198,639,472	(\$1,041,626,552)
12	Port of Savannah	\$1,116,155,372	12.23%	\$305,029,239	\$811,126,133	(\$506,096,894)
13	JFK International Airport	\$953,949,356	-4.85%	\$503,163,776	\$450,785,580	\$52,378,196
14	Port of Long Beach	\$867,791,848	9.67%	\$315,199,383	\$552,592,465	(\$237,393,082)
15	Port of Oakland, CA	\$800,503,166	18.85%	\$204,796,347	\$595,706,819	(\$390,910,472)
16	Port Laredo	\$782,149,592	-20.68%	\$1,653,574	\$780,496,018	(\$778,842,444)
17	Port of Houston	\$661,197,763	17.58%	\$252,113,521	\$409,084,242	(\$156,970,721)
18	Port of Tacoma, WA	\$642,688,053	13.85%	\$211,248,736	\$431,439,317	(\$220,190,581)
19	Blaine, WA	\$639,927,026	-22.66%	\$626,785,321	\$13,141,705	\$613,643,616
20	Portland International Airport, OR	\$564,690,546	144.81%	\$553,838,306	\$10,852,240	\$542,986,066

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Malaysia in 2018

RANK	EXPORTS	VALUE	CHANGE
<b>Total Exports</b>		<b>\$12,864,625,115</b>	<b>0.30%</b>
1	Computer chips	\$3,176,777,033	-21.36%
2	Civilian aircraft, parts	\$1,053,243,474	-16.50%
3	Photo-sensitive semi-conductors, parts	\$398,236,640	4.14%
4	Oil	\$342,961,605	30.16%
5	Medical technology	\$337,397,952	7.85%
6	Computers	\$274,936,185	12.38%
7	Soybeans	\$234,195,781	34.97%
8	Cell phones, related equipment	\$233,797,759	-38.94%
9	Scrap iron, steel	\$228,439,095	255.60%
10	Aluminum waste and scrap	\$214,082,397	208.00%

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Malaysia in 2018

RANK	IMPORTS	VALUE	CHANGE
<b>Total Imports</b>		<b>\$39,383,861,343</b>	<b>5.28%</b>
1	Computer chips	\$15,024,037,651	19.54%
2	Cell phones, related equipment	\$3,926,076,380	-26.75%
3	Printers, all types, parts	\$1,739,407,071	-0.99%
4	Photo-sensitive semi-conductors, parts	\$1,734,406,740	-18.49%
5	Apparel and accessories made of rubber	\$1,587,920,350	18.65%
6	Computers	\$1,078,223,284	19.64%
7	Medical technology	\$968,283,989	12.65%
8	Unrecorded media for audio	\$961,682,499	12.61%
9	Furniture, parts	\$747,170,191	4.85%
10	Returned exports, no change	\$727,441,374	31.85%

Source: WorldCity analysis of U.S. Census Bureau data



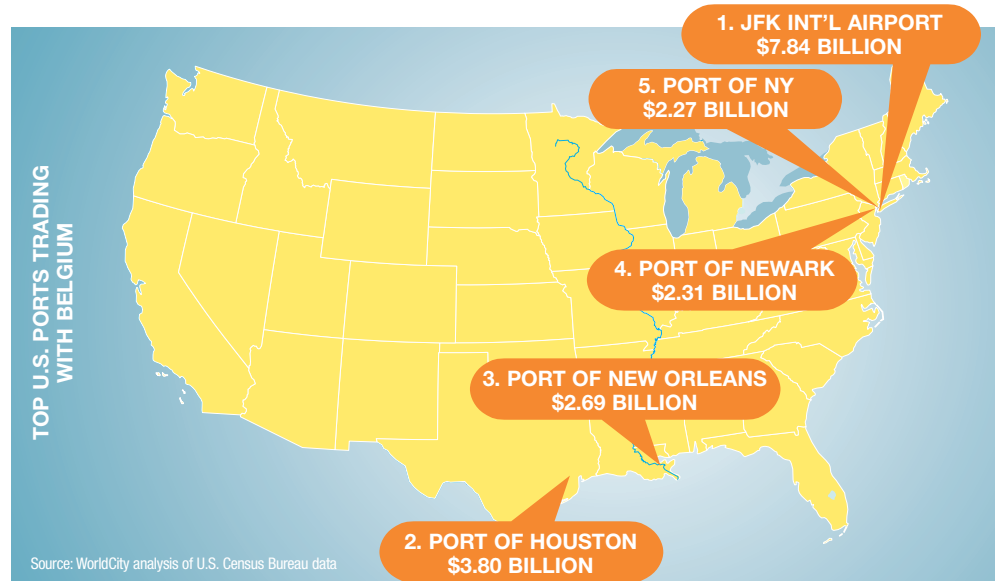
## Belgium's trade increases but falls shy of 2014 mark

Belgium's trade with the United States increased 8.01 percent in 2018, from \$45.01 billion to \$48.61 billion. The record total between Belgium and the United States was in 2014, when the total was \$55.67 billion. Belgium, the No. 16-ranked trade partner five years ago, ranked No. 19 in 2018.

**EXPORTS:** The top four U.S. exports to Belgium are all high-value: diamonds, medical instruments, blood "fractions," and medicines. The U.S. export that grew the most in 2018, and the fastest among the top 20, was plastics, up \$448.69 million to \$927.47 million in 2018, an increase of 93.72 percent.

**IMPORTS:** The U.S. import from Belgium that grew the most and fastest in 2018 was the category of vaccines, plasma and other blood "fractions," which increased \$1.47 billion to \$2.27 billion in 2018, up 182.97 percent.

**BALANCE OF TRADE:** The United States ran a \$14.22 billion surplus with Belgium in 2018. **wc**



Source: WorldCity analysis of U.S. Census Bureau data

**Top 20 U.S. ports trading with Belgium**

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO BELGIUM	IMPORTS FROM BELGIUM	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$48,608,682,053</b>	<b>8.01%</b>	<b>\$31,415,752,784</b>	<b>\$17,192,929,269</b>	<b>\$14,222,823,515</b>
1	JFK International Airport	\$7,844,061,067	4.68%	\$4,132,742,177	\$3,711,318,890	\$421,423,287
2	Port of Houston	\$3,802,293,340	4.98%	\$3,058,026,228	\$744,267,112	\$2,313,759,116
3	Port of New Orleans	\$2,691,691,603	1.78%	\$1,980,073,519	\$711,618,084	\$1,268,455,435
4	Port of Newark	\$2,313,764,880	22.69%	\$714,812,568	\$1,598,952,312	(\$884,139,744)
5	Port of New York	\$2,269,735,002	17.76%	\$2,128,654,262	\$141,080,740	\$1,987,573,522
6	Port of Virginia	\$2,114,891,471	-6.88%	\$1,724,685,909	\$390,205,562	\$1,334,480,347
7	Port of Baltimore, MD	\$2,107,445,585	82.70%	\$644,621,722	\$1,462,823,863	(\$818,202,141)
8	Chicago O'Hare Int'l Airport	\$1,926,834,479	14.93%	\$1,257,769,095	\$669,065,384	\$588,703,711
9	Cincinnati/Northern Kentucky Int'l	\$1,734,149,196	134.43%	\$1,195,405,881	\$538,743,315	\$656,662,566
10	Port of Charleston	\$1,636,338,486	9.33%	\$1,127,645,627	\$508,692,859	\$618,952,768
11	Port of Savannah	\$1,327,683,463	11.17%	\$884,278,158	\$443,405,305	\$440,872,853
12	Dulles Int'l Airport	\$1,143,731,266	59.81%	\$386,044,618	\$757,686,648	(\$371,642,030)
13	Los Angeles Int'l Airport	\$1,099,491,067	-21.33%	\$850,579,157	\$248,911,910	\$601,667,247
14	Port of Chester, Penn.	\$1,071,696,356	-3.75%	\$840,478,884	\$231,217,472	\$609,261,412
15	San Juan Intl Airport, P.R.	\$1,004,887,733	-29.61%	\$765,447,632	\$239,440,101	\$526,007,531
16	Port Huron, MI	\$873,693,789	-11.63%	\$635,398,612	\$238,295,177	\$397,103,435
17	Port of San Juan, Puerto Rico	\$862,683,178	50.25%	\$773,628,692	\$89,054,486	\$684,574,206
18	Port of Pascagoula, Miss.	\$764,428,031	282.98%	\$148,838,679	\$615,589,352	(\$466,750,673)
19	DFW International Airport, TX	\$758,899,614	-22.63%	\$622,160,398	\$136,739,216	\$485,421,182
20	Atlanta Int'l Airport	\$740,063,056	8.32%	\$492,760,586	\$247,302,470	\$245,458,116

Source: WorldCity analysis of U.S. Census Bureau data

**Top U.S. exports to Belgium in 2018**

RANK	VALUE	CHANGE	
<b>Total Exports</b>		<b>\$31,415,752,784</b>	<b>5.03%</b>
1	Diamonds, not mounted	\$2,991,610,140	11.03%
2	Medical instruments for surgeons, dentists, vets	\$2,415,906,614	-13.33%
3	Vaccines, plasma, other blood "fractions"	\$2,047,334,290	25.48%
4	Medicines in individual dosages	\$1,980,161,005	7.96%
5	Gasoline, other fuels	\$950,067,880	32.49%
6	Plastics	\$927,468,313	93.72%
7	Orthopedic appliances, artificial body parts	\$728,883,703	-22.77%
8	Motor vehicles for transporting people	\$636,177,684	2.36%
9	Civilian aircraft, parts	\$624,553,062	58.58%
10	Motorcycles, mopeds, other cycles with motors	\$453,673,002	-7.27%

Source: WorldCity analysis of U.S. Census Bureau data

**Top U.S. imports from Belgium in 2018**

RANK	VALUE	CHANGE	
<b>Total Imports</b>		<b>\$17,192,929,269</b>	<b>13.90%</b>
1	Diamonds, not mounted	\$2,928,454,779	-2.50%
2	Vaccines, plasma, other blood "fractions"	\$2,268,676,507	182.97%
3	Gasoline, other fuels	\$2,141,658,014	45.44%
4	Returned exports, no change	\$1,044,163,658	-32.58%
5	Medicines in individual dosages	\$996,930,000	30.35%
6	Motor vehicles for transporting people	\$470,052,685	-13.59%
7	Aircraft engines, engine parts	\$353,447,170	-8.98%
8	Beer	\$313,273,644	3.50%
9	Paintings, drawings and other artwork	\$306,746,954	9.74%
10	Nucleic acids and salts, heterocyclic compounds	\$295,405,804	-41.15%

Source: WorldCity analysis of U.S. Census Bureau data



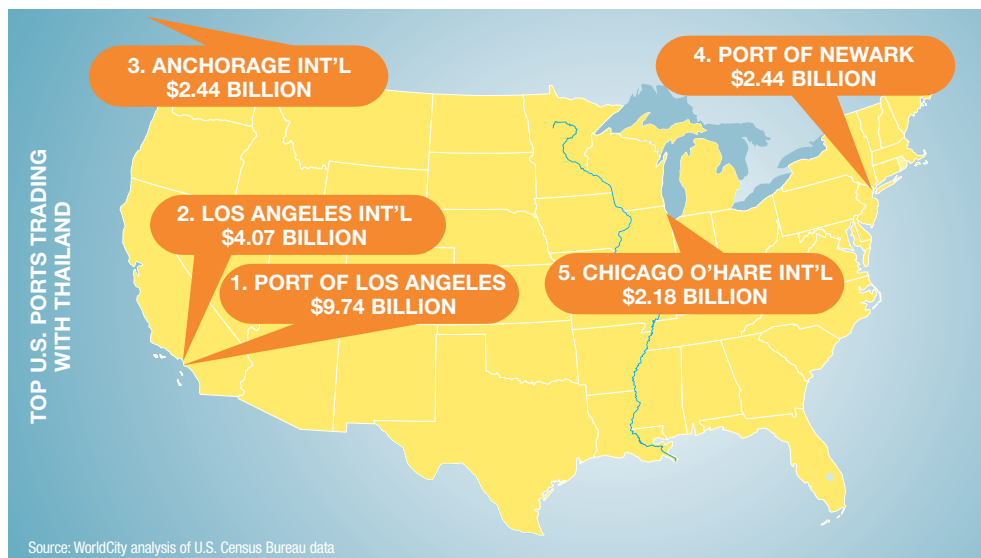
## Thailand sets record for trade, enters top 20

Thailand made its first entry into the United States' top 20 trade partners in 2018, its trade increasing 5.86 percent to a record \$44.49 billion. It was the third straight year that trade between Thailand and the United States topped \$44.48 billion.

**EXPORTS:** The U.S. export to Thailand that grew the most in 2018 was oil, which increased \$707.98 million from the 2017 total to \$878.58 million. It was also the fastest-growing among the top 20, up 414.99 percent.

**IMPORTS:** The U.S. import from Thailand that grew the most in 2018 was rubber tires, which increased \$368.68 million to \$2.22 billion in 2018. Eight of the top 10 imports increased in 2018, with the most rapid rise, in percentage terms, rice, up 40.41 percent.

**BALANCE OF TRADE:** The United States ran a \$19.31 billion deficit with Thailand in 2018. For every dollar of trade between the two, 28.3 cents is a U.S. export. **WC**



Source: WorldCity analysis of U.S. Census Bureau data

### Top 20 U.S. ports trading with Thailand

RANK	CUSTOMS DISTRICT	2018 TOTAL TRADE	CHANGE	EXPORTS TO THAILAND	IMPORTS FROM THAILAND	SURPLUS/ (DEFICIT)
<b>Total All Ports</b>		<b>\$44,488,716,074</b>	<b>5.86%</b>	<b>\$12,588,290,857</b>	<b>\$31,900,425,217</b>	<b>(\$19,312,134,360)</b>
1	Port of Los Angeles	\$9,742,069,936	-5.79%	\$1,370,541,581	\$8,371,528,355	(\$7,000,986,774)
2	Los Angeles Int'l Airport	\$4,069,314,969	12.68%	\$1,181,010,041	\$2,888,304,928	(\$1,707,294,887)
3	Anchorage Int'l Airport, AK	\$2,439,533,499	6.35%	\$844,300,146	\$1,595,233,353	(\$750,933,207)
4	Port of Newark	\$2,435,181,981	11.45%	\$158,522,671	\$2,276,659,310	(\$2,118,136,639)
5	Chicago O'Hare Int'l Airport	\$2,182,409,342	4.56%	\$738,536,953	\$1,443,872,389	(\$705,335,436)
6	Port of Savannah	\$2,073,139,857	2.60%	\$456,244,571	\$1,616,895,286	(\$1,160,650,715)
7	DFW International Airport, TX	\$1,815,809,624	-11.39%	\$339,310,075	\$1,476,499,549	(\$1,137,189,474)
8	JFK International Airport	\$1,712,728,576	8.33%	\$735,052,937	\$977,675,639	(\$242,622,702)
9	San Francisco Int'l Airport	\$1,655,166,110	13.98%	\$552,655,277	\$1,102,510,833	(\$549,855,556)
10	Port of Long Beach	\$1,118,060,090	17.44%	\$390,506,238	\$727,553,852	(\$337,047,614)
11	Port of Tacoma, WA	\$1,092,379,091	14.19%	\$269,011,501	\$823,367,590	(\$554,356,089)
12	Port of Oakland, CA	\$1,034,591,151	-6.01%	\$196,705,926	\$837,885,225	(\$641,179,299)
13	Atlanta Int'l Airport	\$1,031,145,174	10.93%	\$135,147,867	\$895,997,307	(\$760,849,440)
14	Port of Virginia	\$1,012,403,219	7.00%	\$413,384,552	\$599,018,667	(\$185,634,115)
15	Port of Charleston	\$998,577,092	1.18%	\$236,637,329	\$761,939,763	(\$525,302,434)
16	Port of Houston	\$905,846,270	44.56%	\$473,261,832	\$432,584,438	\$40,677,394
17	Port of New Orleans	\$808,233,390	2.64%	\$246,455,807	\$561,777,583	(\$315,321,776)
18	Honolulu Int'l Airport, HI	\$776,318,463	16.24%	\$152,547,266	\$623,771,197	(\$471,223,931)
19	Cleveland Hopkins Int'l Airport	\$587,273,620	-5.04%	\$266,271,180	\$321,002,440	(\$54,731,260)
20	Port of Baltimore, MD	\$471,705,285	24.06%	\$77,433,487	\$394,271,798	(\$316,838,311)

Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. exports to Thailand in 2018

RANK	EXPORT	VALUE	CHANGE
<b>Total Exports</b>		<b>\$12,588,290,857</b>	<b>16.16%</b>
1	Oil	\$878,581,581	414.99%
2	Photo-sensitive semi-conductors, parts	\$794,236,877	7.76%
3	Computer chips	\$785,799,193	11.55%
4	Soybeans	\$593,863,766	27.17%
5	Cell phones, related equipment	\$503,548,321	-9.69%
6	Civilian aircraft, parts	\$487,349,443	-37.08%
7	Motor vehicle parts	\$432,667,030	-13.87%
8	Cotton	\$273,285,859	28.30%
9	Sugar and starch residues	\$235,728,391	50.67%
10	Low value shipments	\$203,481,213	22.24%

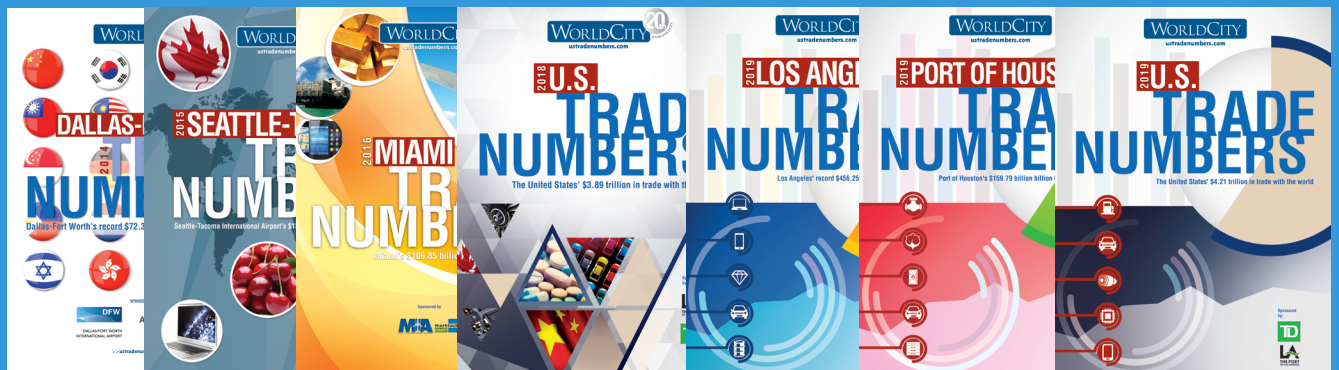
Source: WorldCity analysis of U.S. Census Bureau data

### Top U.S. imports from Thailand in 2018

RANK	IMPORT	VALUE	CHANGE
<b>Total Imports</b>		<b>\$31,900,425,217</b>	<b>2.28%</b>
1	Computers	\$4,545,191,461	8.81%
2	Cell phones, related equipment	\$3,057,109,613	-13.59%
3	Rubber tires	\$2,221,288,461	19.90%
4	Printers, all types, parts	\$986,790,374	0.55%
5	Computer chips	\$950,588,677	13.68%
6	Jewelry, parts	\$893,266,033	3.84%
7	TV cameras, digital cameras, camcorders	\$593,017,187	-18.29%
8	Caviar, caviar substitutes, other prepared fish	\$567,673,025	13.79%
9	Rice	\$540,587,754	40.41%
10	Apparel and accessories made of rubber	\$539,159,594	8.80%

Source: WorldCity analysis of U.S. Census Bureau data

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# United States' top 50 export commodities

1-YEAR CHANGE	2018 RANK	TOP U.S. EXPORTS TO THE WORLD IN 2018	2018	2017	ONE-YEAR CHANGE
		<b>Top Exports</b>	<b>\$1,664,055,580,908</b>	<b>\$1,546,732,880,975</b>	<b>7.59%</b>
0	1	Civilian aircraft, parts	\$130,383,851,940	\$121,119,646,001	7.65%
0	2	Gasoline, other petroleum-based fuels	\$94,217,170,145	\$77,841,465,741	21.04%
0	3	Motor vehicles for transporting people	\$51,442,572,109	\$53,581,099,925	-3.99%
7	4	Oil	\$47,190,420,508	\$21,825,139,128	116.22%
-1	5	Motor vehicle parts	\$45,536,171,826	\$44,948,749,375	1.31%
0	6	"Low-value" shipments	\$37,890,922,580	\$35,149,284,049	7.80%
-2	7	Computer chips	\$37,690,547,509	\$38,125,042,699	-1.14%
-1	8	Cell phones, related equipment	\$32,423,290,990	\$34,005,953,604	-4.65%
-1	9	Medical instruments for surgeons, dentists, veterinarians	\$28,522,619,632	\$26,526,112,300	7.53%
0	10	Petroleum gases, other gaseous hydrocarbons	\$28,374,410,014	\$22,266,519,389	27.43%
-2	11	Computers	\$26,665,272,895	\$25,344,034,563	5.21%
1	12	Vaccines, plasma, other blood "fractions"	\$23,212,242,573	\$20,346,445,154	14.09%
1	13	Medicines in individual dosages	\$20,618,214,412	\$20,124,028,158	2.46%
1	14	Gold	\$20,308,815,606	\$19,823,735,645	2.45%
1	15	Diamonds, not mounted	\$19,995,472,724	\$18,995,118,939	5.27%
2	16	Computer parts	\$18,316,225,374	\$16,073,542,163	13.95%
0	17	Machinery, parts for semiconductor manufacturing	\$18,229,866,159	\$17,555,027,702	3.84%
-6	18	Soybeans	\$17,201,887,116	\$21,657,927,231	-20.57%
0	19	Commercial vehicles	\$15,541,593,223	\$15,732,089,020	-1.21%
6	20	Corn	\$12,938,016,591	\$9,565,881,083	35.25%
-1	21	Taps, cocks and valves for pipes, tanks	\$12,441,904,104	\$11,614,240,890	7.13%
2	22	Coal, briquettes	\$12,034,356,928	\$9,857,135,604	22.09%
6	23	Paintings, drawings and other artwork	\$11,157,029,916	\$8,771,769,475	27.19%
-3	24	Electrical supplies, apparatus, less than 1000V	\$11,011,514,657	\$10,406,069,944	5.82%
-2	25	Insulated wire, cable	\$10,340,103,580	\$9,901,241,464	4.43%
2	26	Centrifuges, filters, machines and parts	\$10,286,897,456	\$9,252,736,803	11.18%
6	27	Plastics	\$10,142,141,827	\$7,677,710,278	32.10%
-1	28	Orthopedic appliances, artificial body parts	\$10,055,141,091	\$9,471,553,730	6.16%
-7	29	Jewelry, parts	\$9,939,057,849	\$10,289,066,211	-3.40%
0	30	Medical equipment for physicals	\$9,185,096,641	\$8,515,404,439	7.86%
-6	31	Aircraft engines, engine parts	\$8,844,181,354	\$9,656,136,797	-8.41%
-1	32	Pumps for dispensing liquids	\$8,618,044,760	\$8,076,481,402	6.71%
-1	33	Almonds, walnuts, pistachios, hazelnuts, etc.	\$7,825,749,997	\$7,938,869,680	-1.42%
4	34	Returned exports, no change	\$7,671,025,421	\$6,951,402,648	10.35%
6	35	Diesel engines	\$7,663,864,245	\$6,384,129,047	20.05%
-1	36	Photo-sensitive semi-conductors, parts	\$7,613,602,997	\$7,183,960,764	5.98%
-3	37	Miscellaneous machines, parts	\$7,478,447,835	\$7,303,114,721	2.40%
2	38	Misc. medical chemical re-agents	\$7,237,384,401	\$6,580,147,616	9.99%
0	39	Misc. plastic articles	\$7,213,785,239	\$6,794,690,087	6.17%
-4	40	Compressors and pumps	\$6,912,356,105	\$7,026,663,736	-1.63%
-4	41	Motor vehicle engines	\$6,885,721,986	\$6,978,735,413	-1.33%
2	42	Parts for heavy machinery	\$6,803,362,773	\$5,947,701,951	14.39%
2	43	Cotton	\$6,562,695,641	\$5,828,945,759	12.59%
-2	44	Engine parts	\$6,308,403,709	\$6,230,913,516	1.24%
-2	45	Power supplies, transformers	\$6,258,511,555	\$5,951,220,651	5.16%
1	46	Electrical boards, panels and switches	\$6,073,268,479	\$5,756,493,400	5.50%
3	47	Miscellaneous machine parts	\$6,038,667,879	\$5,417,057,899	11.48%
-2	48	Transmission shafts, bearings, gears	\$6,025,357,349	\$5,807,120,161	3.76%
-1	49	Aircraft parts	\$6,010,615,251	\$5,650,662,625	6.37%
-1	50	Prepared foods, beverages	\$5,918,894,375	\$5,601,832,752	5.66%

Source: WorldCity analysis of U.S. Census Bureau data

# CIVILIAN AIRCRAFT, PARTS

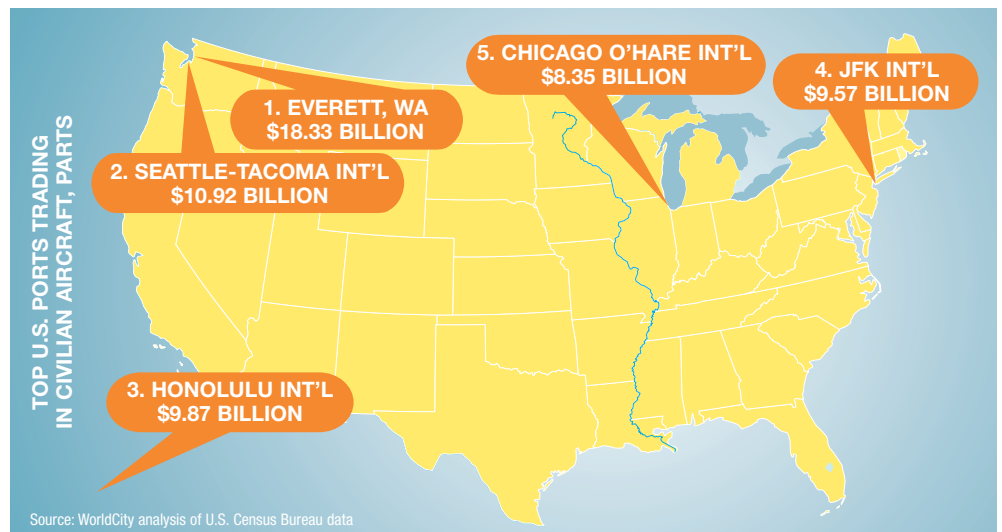
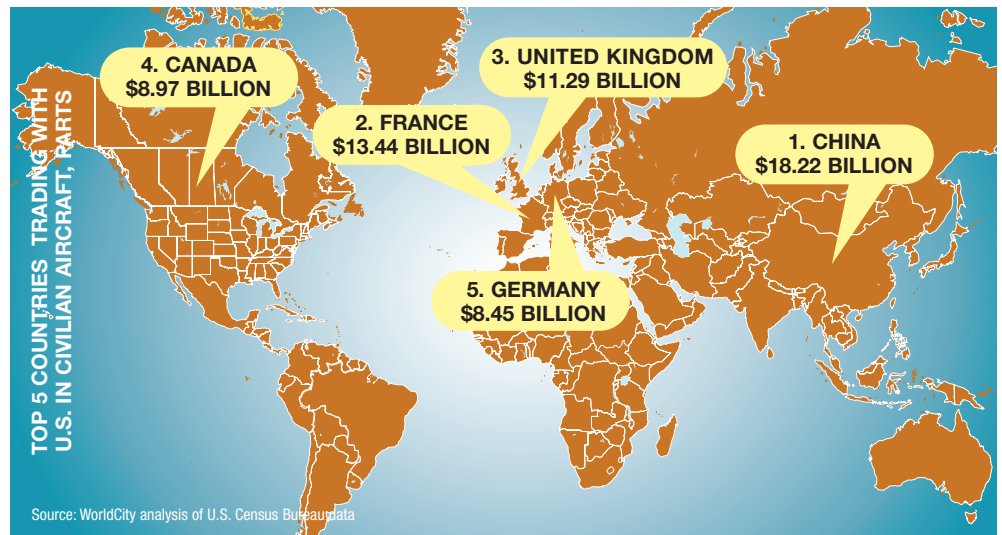
Total world trade | \$130.38 billion

For aircraft, 2018 marked another record year

U.S. exports of civilian aircraft and parts increased 7.65 percent in 2018, with the value reaching a record \$130.38 billion. The value of aircraft and part exports from the U.S. five years ago was \$104.98 billion. Aircraft and related part exports have increased 24.2 percent over the last five years while overall U.S. exports have increased just 0.06 percent.

**COUNTRIES:** Six markets grew more than \$1 billion in 2018, led by the United Kingdom, up \$2.16 billion over the previous year. Among the top 15 markets, exports to India grew the most rapidly, up 74.67 percent.

**PORTS:** Everett and Seattle-Tacoma International Airport, both in Washington state, ranked first and second for these exports in 2018, as they do perennially, since they are departure points for Boeing aircraft. **WC**



## Top Markets for Civilian Aircraft, Parts

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$130,383,851,940</b>	<b>\$9,264,205,939</b>	<b>7.65%</b>
1 China	\$18,222,411,515	\$1,956,907,053	12.03%
2 France	\$13,441,878,080	\$1,677,729,847	14.26%
3 United Kingdom	\$11,292,372,688	\$2,155,918,317	23.60%
4 Canada	\$8,971,273,699	\$697,397,865	8.43%
5 Germany	\$8,452,790,354	\$1,595,048,304	23.26%
6 Brazil	\$6,028,499,350	\$660,925,784	12.31%
7 Japan	\$5,637,391,668	(\$115,049,202)	-2.00%
8 Singapore	\$5,635,083,618	\$1,235,881,685	28.09%
9 United Arab Emirates	\$3,563,665,529	(\$967,970,890)	-21.36%
10 Mexico	\$3,399,019,541	\$169,848,993	5.26%
11 South Korea	\$2,986,433,340	\$123,843,555	4.33%
12 India	\$2,639,568,639	\$1,128,372,941	74.67%
13 Taiwan	\$2,149,090,106	(\$360,798,477)	-14.38%
14 The Netherlands	\$2,051,670,308	(\$111,834,448)	-5.17%
15 Russia	\$1,878,313,931	(\$461,504,092)	-19.72%

Source: WorldCity analysis of U.S. Census Bureau data

## Top Ports for Civilian Aircraft, Parts Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$130,383,851,940</b>	<b>\$9,272,860,916</b>	<b>7.66%</b>
1 Port of Everett, WA	\$18,328,439,345	(\$3,296,373,712)	-15.24%
2 Seattle-Tacoma Int'l Airport	\$10,921,321,812	\$1,853,645,700	20.44%
3 Honolulu Int'l Airport, HI	\$9,874,192,643	\$679,822,217	7.39%
4 JFK International Airport	\$9,567,031,155	\$1,247,407,210	14.99%
5 Chicago O'Hare Int'l Airport	\$8,351,622,382	\$1,059,673,197	14.53%
6 Port of Charleston	\$7,654,043,878	\$2,064,884,295	36.94%
7 Miami International Airport	\$7,142,132,068	\$810,720,811	12.80%
8 Atlanta International Airport	\$6,914,996,698	\$2,161,916,405	45.48%
9 Cleveland Hopkins Int'l Airport, OH	\$6,849,448,336	\$965,347,174	16.41%
10 Los Angeles Int'l Airport	\$5,783,153,094	(\$160,203,470)	-2.70%
11 Port of New Orleans	\$5,396,435,145	\$1,110,123,557	25.90%
12 DFW International Airport, TX	\$3,450,715,077	\$455,007,639	15.19%
13 Anchorage Int'l Airport, AK	\$2,747,462,852	\$228,635,859	9.08%
14 Cincinnati/No. Kentucky Int'l Airport	\$2,656,032,075	(\$95,055,534)	-3.46%
15 Dulles International Airport, VA	\$1,853,253,940	\$844,499,652	83.72%

Source: WorldCity analysis of U.S. Census Bureau data

# GASOLINE, OTHER FUELS

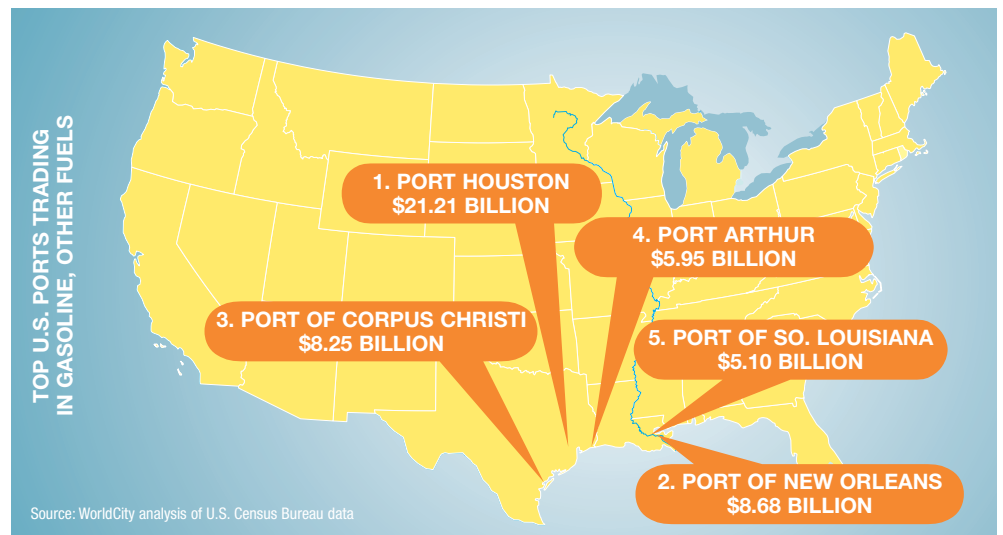
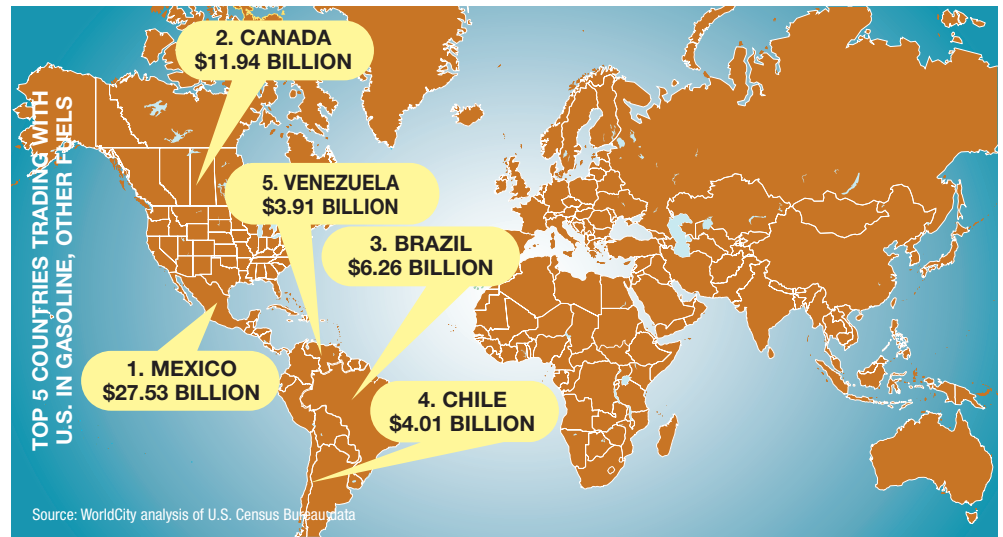
Total world trade | \$94.22 billion

## Gasoline exports up 22% but well off 2013 record

U.S. exports of gasoline and other petroleum-based fuels such as propane and butane increased 21.04 percent in 2018, with the value at \$94.22 billion. Despite the increase, the value of these exports from the United States five years ago was greater, \$112.07 billion. The change since then is a decline of 15.93 percent.

**COUNTRIES:** Mexico and Canada are the dominant markets for these exports, accounting for more than 40 percent of all U.S. exports in 2018. The biggest percentage increase among the top 15 markets was the embattled nation of Venezuela, the value of whose shipments increased 97.45 percent.

**PORTS:** The Port of Houston ranked No. 1 for these exports in 2018, with more than double the total of No. 2-ranked Port of New Orleans and accounting for 22.51 percent of the U.S. total. **WC**



### Top Markets for Gasoline, Other Fuels

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$94,217,170,145</b>	<b>\$16,375,704,404</b>	<b>21.04%</b>
1 Mexico	\$27,528,410,323	\$6,862,319,802	33.21%
2 Canada	\$11,937,405,905	\$3,461,820,698	40.84%
3 Brazil	\$6,259,889,722	(\$229,049,751)	-3.53%
4 Chile	\$4,006,677,910	\$914,244,624	29.56%
5 Venezuela	\$3,910,593,822	\$1,930,032,025	97.45%
6 The Netherlands	\$3,613,794,567	\$305,500,157	9.23%
7 Peru	\$2,920,984,466	\$372,953,188	14.64%
8 Panama	\$2,581,052,013	\$207,786,906	8.76%
9 Colombia	\$2,435,923,107	\$324,624,765	15.38%
10 Singapore	\$2,379,177,666	\$118,643,016	5.25%
11 Ecuador	\$2,289,168,460	\$292,845,551	14.67%
12 Guatemala	\$1,890,799,434	(\$603,577,948)	-24.20%
13 United Kingdom	\$1,656,908,592	\$544,340,780	48.93%
14 Argentina	\$1,599,749,267	\$183,833,106	12.98%
15 Costa Rica	\$1,430,512,168	\$74,590,996	5.50%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Gasoline, Other Fuel Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$94,217,170,145</b>	<b>\$16,375,704,404</b>	<b>21.04%</b>
1 Port of Houston	\$21,211,085,158	\$2,984,856,158	16.38%
2 Port of New Orleans	\$8,678,230,482	\$1,206,886,353	16.15%
3 Port of Corpus Christi, TX	\$8,245,921,264	\$1,191,001,506	16.88%
4 Port Arthur, TX	\$5,948,189,035	\$1,507,092,138	33.94%
5 Port of Southern Louisiana	\$5,102,368,333	\$1,012,761,080	24.76%
6 Port of Texas City	\$4,798,601,010	\$865,704,167	22.01%
7 Port of Beaumont, TX	\$3,672,176,456	\$457,637,006	14.24%
8 Port of Lake Charles, LA	\$3,260,234,585	\$298,678,203	10.09%
9 Port of Greater Baton Rouge, LA	\$3,259,482,695	\$800,232,279	32.54%
10 Port of Pascagoula, MS	\$2,814,274,355	\$80,016,595	2.93%
11 Neche, ND	\$2,757,241,826	\$2,012,499,842	270.23%
12 Port Laredo	\$2,447,667,379	\$978,032,280	66.55%
13 Brownsville Int'l Bridges, TX	\$2,281,011,039	\$566,012,649	33.00%
14 El Paso Int'l Bridge, TX	\$2,122,438,263	\$1,493,622,918	237.53%
15 Northgate, ND	\$1,472,936,380	\$274,141,228	22.87%

Source: WorldCity analysis of U.S. Census Bureau data

# MOTOR VEHICLES

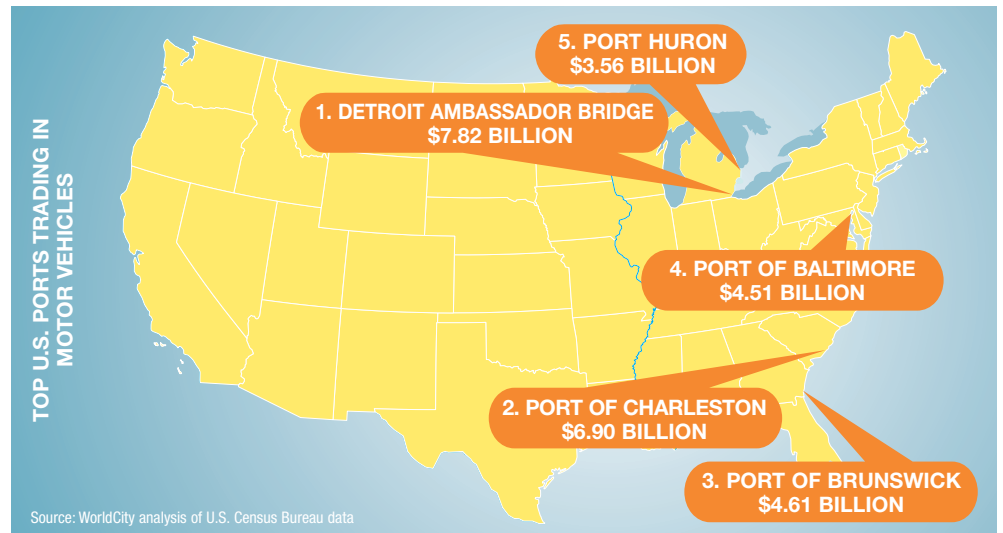
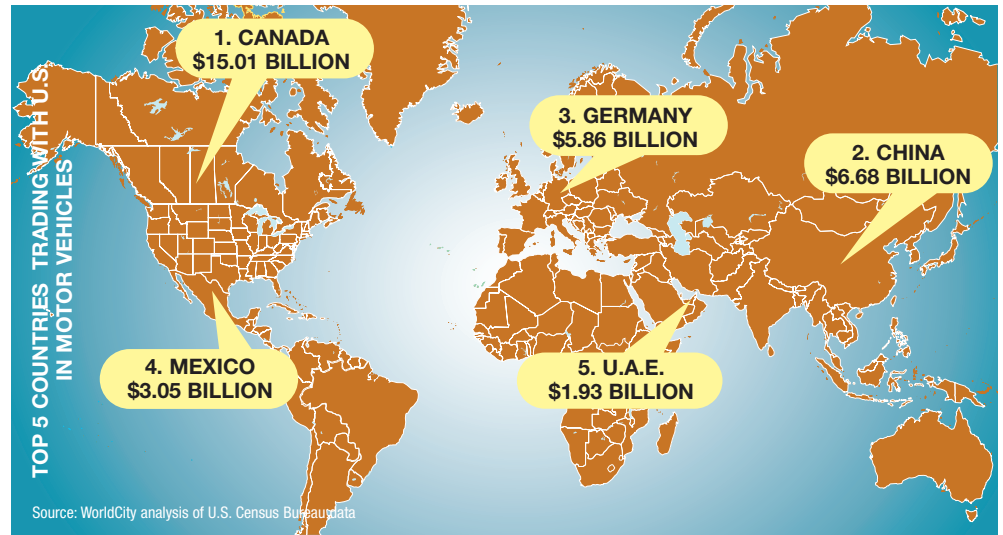
Total world trade | \$51.44 billion

## Motor vehicle exports to China fall \$3.9 billion

U.S. exports of motor vehicles for transporting people decreased 3.99 percent in 2018, to a value of \$51.44 billion. It is the fourth consecutive year that motor vehicle exports have declined in value. The record year was 2014, when the total reached \$61.68 billion.

**COUNTRIES:** The value of exports to China fell \$3.94 billion, well more than the overall decline of \$2.14 billion. Excluding China, motor vehicle exports increased more than \$1.8 billion.

**PORTS:** Detroit's Ambassador Bridge, which crosses from Michigan into Canada ranked No. 1 for motor vehicle exports in 2018, accounting for 15.21 percent of U.S. exports to the world. The biggest losses were suffered at the Port of Brunswick in Georgia, down \$862.97 million, and the Port of Portland, which saw exports fall \$758.23 million. **WC**



### Top Markets for Motor Vehicles

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$51,442,572,109</b>	<b>(\$2,138,527,816)</b>	<b>-3.99%</b>
1 Canada	\$15,007,447,309	\$148,957,259	1.00%
2 China	\$6,679,979,781	(\$3,940,153,078)	-37.10%
3 Germany	\$5,863,305,382	(\$210,183,813)	-3.46%
4 Mexico	\$3,045,712,239	(\$130,399,830)	-4.11%
5 United Arab Emirates	\$1,933,218,109	\$219,066,214	12.78%
6 Saudi Arabia	\$1,734,998,129	\$103,461,526	6.34%
7 South Korea	\$1,710,007,500	\$154,633,055	9.94%
8 United Kingdom	\$1,617,790,796	(\$309,431,904)	-16.06%
9 Australia	\$1,549,808,818	(\$187,957,353)	-10.82%
10 Norway	\$851,632,286	\$368,165,075	76.15%
11 Nigeria	\$665,614,646	\$312,681,138	88.59%
12 Belgium	\$636,177,684	\$14,647,528	2.36%
13 Kuwait	\$630,834,766	\$132,285,161	26.53%
14 Japan	\$627,767,056	\$23,178,219	3.83%
15 Jordan	\$518,005,975	\$97,802,022	23.27%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Motor Vehicle Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$51,442,572,109</b>	<b>(\$2,138,527,816)</b>	<b>-3.99%</b>
1 Detroit Ambassador Bridge, MI	\$7,822,258,866	(\$26,088,157)	-0.33%
2 Port of Charleston	\$6,898,589,196	(\$182,833,522)	-2.58%
3 Port of Brunswick, GA	\$4,612,463,670	(\$862,969,378)	-15.76%
4 Port of Baltimore, MD	\$4,505,260,335	\$531,004,328	13.36%
5 Port Huron, MI	\$3,560,192,760	\$102,610,648	2.97%
6 Port of Jacksonville, FL	\$2,671,183,449	\$309,249,528	13.09%
7 Buffalo Peace Bridge, NY	\$2,167,990,912	(\$156,609,887)	-6.74%
8 Port of Savannah	\$1,918,200,486	\$167,129,107	9.54%
9 Port of Portland, OR	\$1,655,069,808	(\$758,227,682)	-31.42%
10 Port of Long Beach	\$1,588,991,153	(\$258,811,807)	-14.01%
11 Port of Newark	\$1,435,883,272	(\$125,455,783)	-8.04%
12 Port of Freeport, TX	\$1,279,943,775	\$200,634,818	18.59%
13 Port of San Francisco, CA	\$1,206,006,954	(\$307,458,309)	-20.31%
14 Port of New York	\$1,137,630,767	\$189,833,434	20.03%
15 Port Laredo	\$1,113,657,239	(\$387,654)	-0.03%

Source: WorldCity analysis of U.S. Census Bureau data



# No. 4 TOP U.S. EXPORTS

## OIL

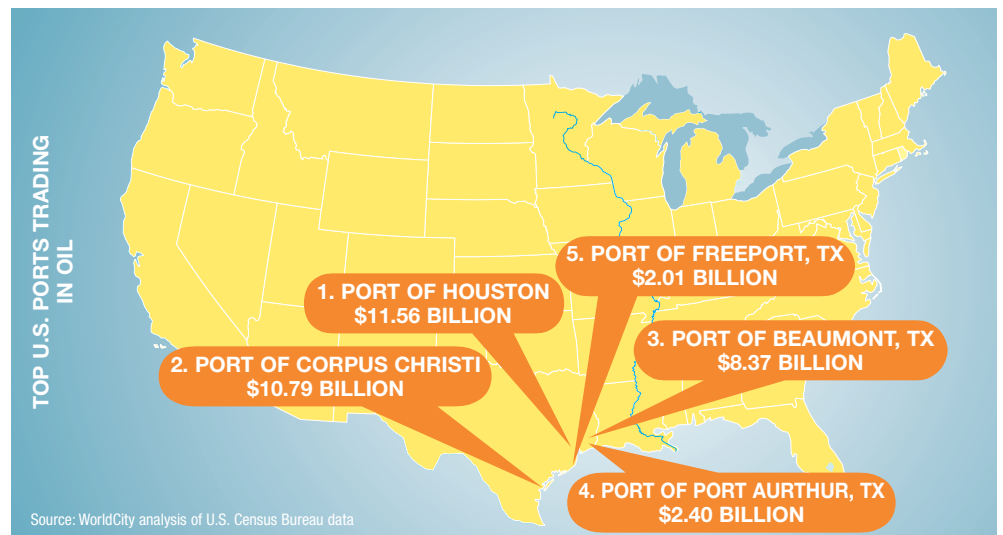
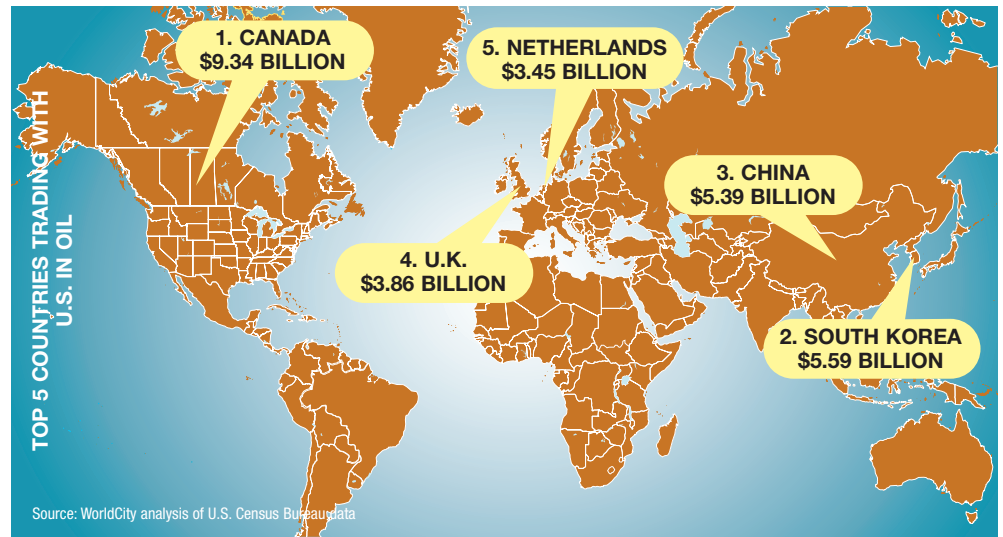
Total world trade | \$47.19 billion

### Oil exports jump 116%, up 825% in last five years

Here's the story of U.S. oil exports: Up 116.22 percent in 2018 to a record \$47.19 billion. Up 471.92 percent over last two years. Up 824.79 percent over last five years, compared to 0.06 percent for all exports. Ranked No. 4 among U.S. exports in 2018, oil had ranked No. 59 five years earlier.

**COUNTRIES:** The value of exports to 11 of the top 15 markets more than doubled in 2018, with exports to seven nations increasing more than \$1 billion each. The value of exports to South Korea increased \$4.47 billion; exports to the United Arab Emirates increased 1,624 percent.

**PORTS:** Exports from 10 ports grew more than 100 percent in 2018, with those from the Port of Houston up 262.24 percent, equal to a \$8.37 billion increase. Exports from the Port of Corpus Christi also grew rapidly. **WC**



#### Top Markets for Oil

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$47,190,420,508</b>	<b>\$25,365,281,380</b>	<b>116.22%</b>
1 Canada	\$9,343,500,752	\$3,206,777,040	52.26%
2 South Korea	\$5,589,874,233	\$4,468,183,037	398.34%
3 China	\$5,392,480,648	\$958,072,888	21.61%
4 United Kingdom	\$3,861,986,158	\$1,805,142,774	87.76%
5 The Netherlands	\$3,452,341,531	\$1,798,402,989	108.73%
6 Taiwan	\$3,048,893,907	\$2,747,006,841	909.95%
7 India	\$3,015,598,633	\$2,593,514,170	614.45%
8 Italy	\$2,813,613,810	\$1,947,904,497	225.01%
9 Japan	\$1,450,816,379	\$926,788,740	176.86%
10 Singapore	\$1,317,392,864	\$738,105,893	127.42%
11 Thailand	\$878,581,581	\$707,981,294	414.99%
12 Norway	\$841,069,658	\$760,043,958	938.03%
13 United Arab Emirates	\$718,496,783	\$676,815,858	1,624%
14 Brazil	\$617,949,933	\$396,874,769	179.52%
15 Colombia	\$530,151,747	\$105,144,209	24.74%

Source: WorldCity analysis of U.S. Census Bureau data

#### Top Ports for Oil Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$47,190,420,508</b>	<b>\$25,365,281,380</b>	<b>116.22%</b>
1 Port of Houston	\$11,557,946,178	\$8,367,272,536	262.24%
2 Port of Corpus Christi, TX	\$10,787,129,692	\$4,961,202,046	85.16%
3 Port of Beaumont, TX	\$8,369,311,231	\$3,689,314,510	78.83%
4 Port Arthur, TX	\$2,403,612,441	\$1,965,081,348	448.11%
5 Port of Freeport, TX	\$2,005,173,499	\$1,005,480,915	100.58%
6 Port of Texas City	\$1,824,533,068	\$1,738,793,736	2,028%
7 Port of New Orleans	\$1,787,880,637	\$1,417,985,969	383.35%
8 Port of Southern Louisiana	\$1,787,443,388	(\$97,406,375)	-5.17%
9 Port Huron, MI	\$1,785,760,595	(\$69,942,972)	-3.77%
10 Port of Morgan City, LA	\$1,397,740,443	\$1,367,289,315	4,490%
11 Neche, ND	\$631,255,395	\$600,804,267	1,973%
12 Rouses Point, NY	\$533,465,089	\$377,228,305	241.45%
13 Port of Galveston, TX	\$507,061,823	\$411,187,318	428.88%
14 Port of Greater Baton Rouge, LA	\$484,058,261	\$408,189,906	538.02%
15 Northgate, ND	\$428,716,550	(\$376,335,137)	-46.75%

Source: WorldCity analysis of U.S. Census Bureau data

# MOTOR VEHICLE PARTS

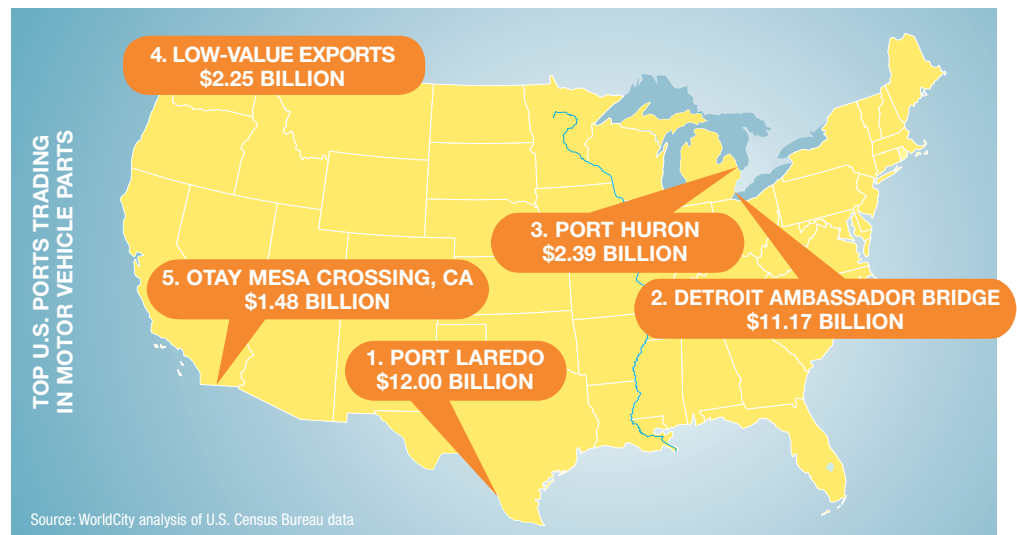
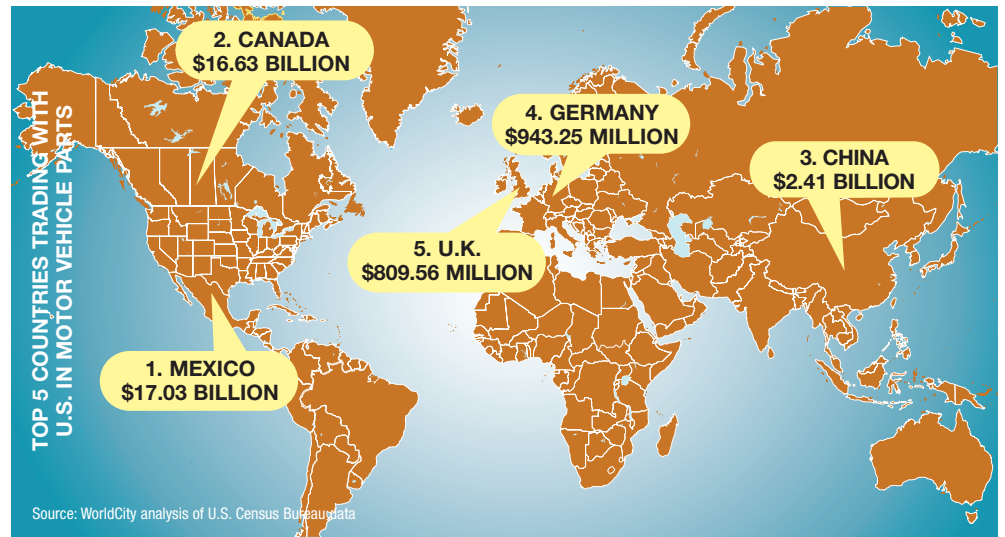
Total world trade | \$45.54 billion

## Motor vehicle part exports set 2nd straight record

Motor vehicle part exports from the United States increased 1.31 percent in 2018, with the value increasing to a record \$45.54 billion. It is the second consecutive record year. Over the last five years, motor vehicle part exports have increased 5.71 percent while overall U.S. exports have increased 0.06 percent.

**COUNTRIES:** Mexico and Canada dominate the export market for motor vehicle parts, part of a fine-tuned automotive industry supply chain that has arisen from NAFTA.

**PORTS:** Port Laredo ranked No. 1 for these exports in 2018, accounting for 26.34 percent of U.S. exports to the world and overtaking Detroit's Ambassador Bridge in the top spot. Exports grew the fastest at Otay Mesa, Calif., which saw its outbound shipments increase 43.81 percent. **WC**



### Top Markets for Motor Vehicle Parts

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$45,536,171,826</b>	<b>\$587,422,451</b>	<b>1.31%</b>
1 Mexico	\$17,028,217,278	\$1,080,221,118	6.77%
2 Canada	\$16,626,229,219	(\$298,377,223)	-1.76%
3 China	\$2,411,806,529	\$116,260,107	5.06%
4 Germany	\$943,247,437	\$83,412,692	9.70%
5 United Kingdom	\$809,561,933	\$152,517,089	23.21%
6 Brazil	\$665,888,962	(\$982,244,618)	-59.60%
7 Australia	\$618,241,278	\$46,423,449	8.12%
8 Japan	\$603,590,109	\$90,991,136	17.75%
9 Thailand	\$432,667,030	(\$69,653,134)	-13.87%
10 South Africa	\$423,062,954	\$156,012,438	58.42%
11 Italy	\$422,123,350	(\$42,939,131)	-9.23%
12 South Korea	\$323,099,941	(\$82,401,843)	-20.32%
13 Spain	\$311,869,689	\$116,786,007	59.86%
14 Russia	\$243,304,177	(\$14,828,474)	-5.74%
15 India	\$241,646,250	\$53,158,141	28.20%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Motor Vehicle Part Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$45,536,171,826</b>	<b>\$587,422,451</b>	<b>1.31%</b>
1 Port Laredo	\$11,995,615,655	\$605,511,503	5.32%
2 Detroit Ambassador Bridge, MI	\$11,169,515,182	(\$299,845,143)	-2.61%
3 Port Huron, MI	\$2,394,399,935	(\$87,043,982)	-3.51%
4 Low-value exports	\$2,248,786,265	(\$8,774,293)	-0.39%
5 Otay Mesa, CA	\$1,484,469,279	\$452,214,143	43.81%
6 Port of Long Beach	\$1,449,472,758	(\$190,147,724)	-11.60%
7 Port of New York	\$1,236,511,009	\$291,426,421	30.84%
8 Port of Charleston	\$1,072,233,254	\$167,844,722	18.56%
9 Buffalo Peace Bridge, NY	\$1,024,270,513	\$39,786,635	4.04%
10 Port of Los Angeles	\$993,338,447	(\$82,693,685)	-7.69%
11 Nogales, AZ	\$709,285,115	(\$118,453,021)	-14.31%
12 Port of Savannah	\$665,371,470	\$111,741,239	20.18%
13 Pharr International Bridge, TX	\$655,396,179	\$131,711,832	25.15%
14 Brownsville Int'l Bridges, TX	\$631,137,080	\$82,149,382	14.96%
15 Port of Virginia	\$590,715,961	(\$835,152,096)	-58.57%

Source: WorldCity analysis of U.S. Census Bureau data

# 'LOW-VALUE' EXPORTS

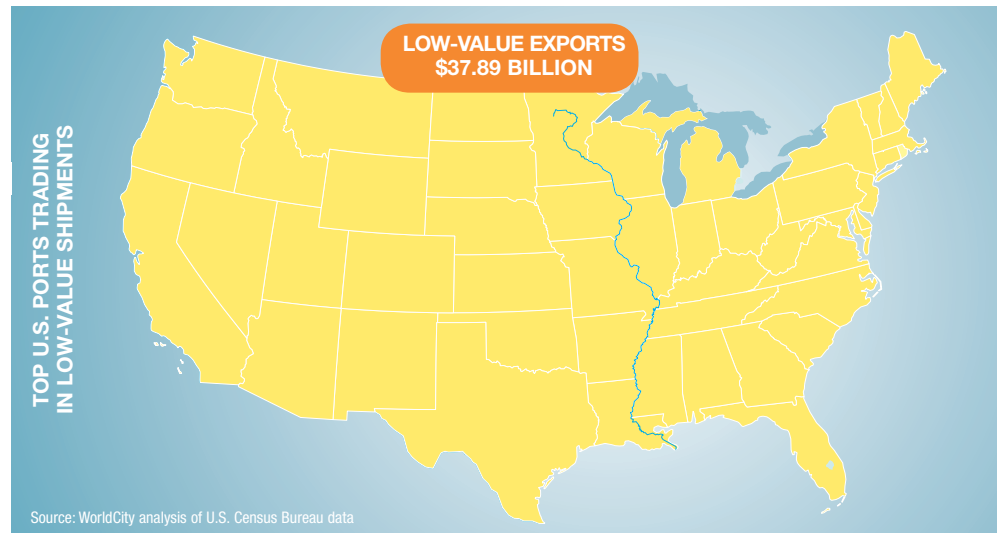
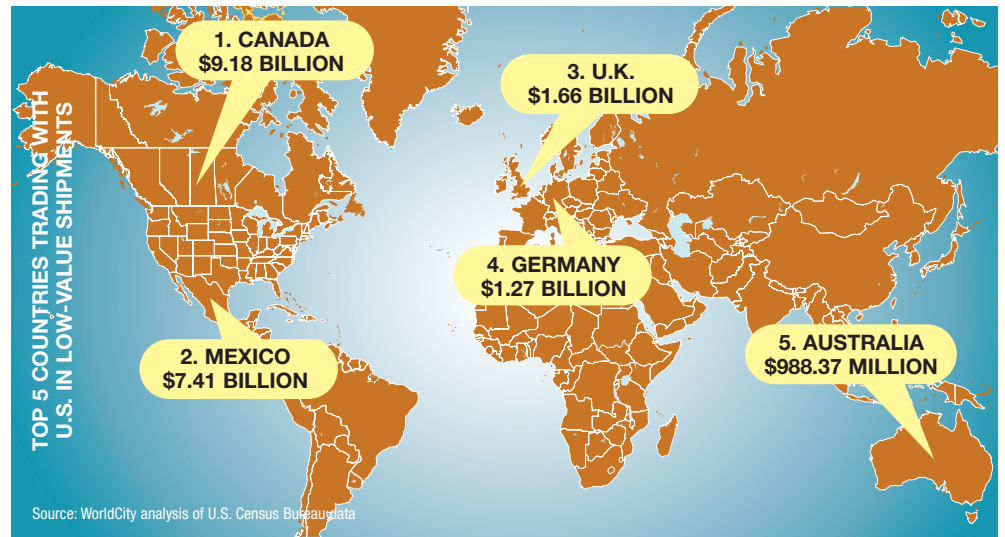
Total world trade | \$37.89 billion

## 'Low-value' shipments set record in 2018

Low-value exports from the United States increased 7.8 percent in 2018, with the value rising to a record \$37.89 billion. "Low-value" exports are those valued at less than \$2,500, but are otherwise undefined in U.S. Census Bureau data. The category would largely include courier shipments and is growing because of the growth in e-commerce. The value of these exports five years ago was \$34.71 billion. Since then, the value has increased 9.16 percent.

**COUNTRIES:** Canada and Mexico dominate this export category, which would suggest that all types of motor vehicle parts are among the leading commodities.

**PORTS:** In addition to not providing specifics on the types of products being exported, the Census Bureau does not disclose which ports are involved. **WC**



### Top Markets for Low-Value Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$37,890,922,580</b>	<b>\$2,741,638,531</b>	<b>7.80%</b>
1 Canada	\$9,184,633,895	\$195,445,453	2.17%
2 Mexico	\$7,405,740,216	\$626,357,117	9.24%
3 United Kingdom	\$1,656,788,938	\$199,225,399	13.67%
4 Germany	\$1,270,668,390	\$93,823,146	7.97%
5 Australia	\$988,369,378	\$40,340,087	4.26%
6 France	\$862,298,243	\$82,818,327	10.62%
7 Japan	\$795,604,892	\$93,122,351	13.26%
8 Singapore	\$738,210,592	\$52,835,768	7.71%
9 China	\$679,914,970	(\$82,576,784)	-10.83%
10 The Netherlands	\$648,886,722	\$108,143,597	20.00%
11 Brazil	\$572,617,328	\$34,781,902	6.47%
12 Chile	\$540,514,808	\$88,748,467	19.64%
13 Hong Kong	\$527,028,446	(\$64,784,304)	-10.95%
14 South Korea	\$518,998,573	\$84,232,594	19.37%
15 India	\$502,265,890	\$123,447,483	32.59%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Low-Value Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$37,890,922,580</b>	<b>\$2,741,638,531</b>	<b>7.80%</b>

Source: WorldCity analysis of U.S. Census Bureau data

# COMPUTER CHIPS

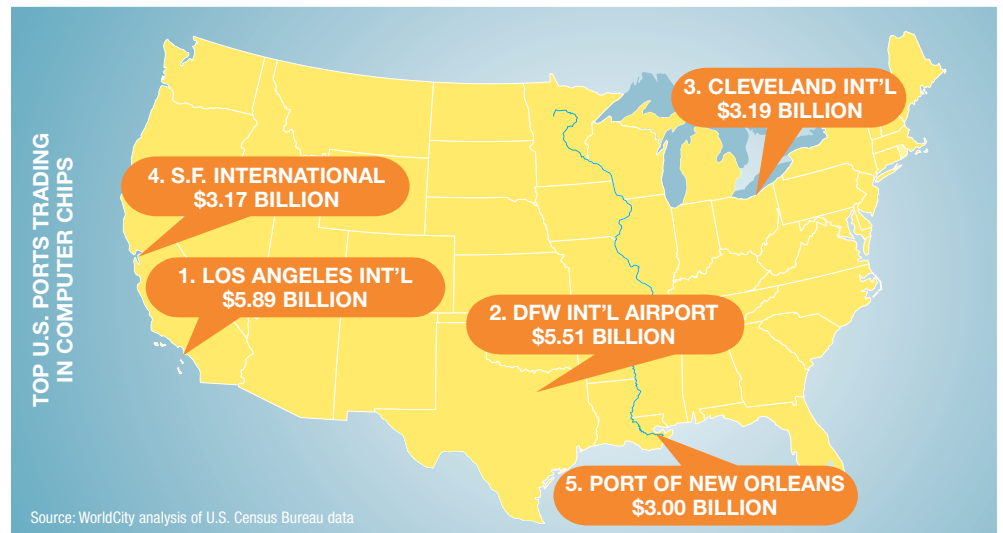
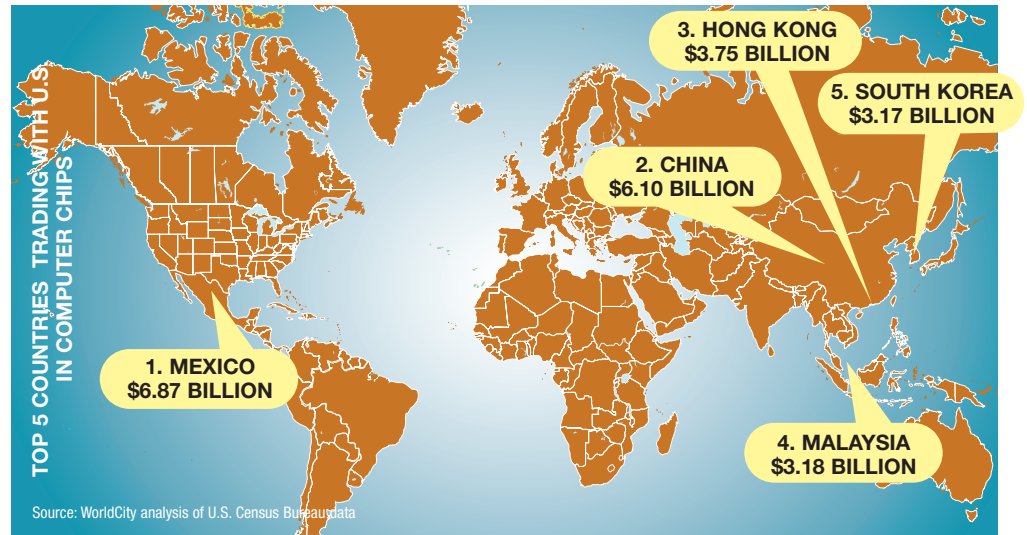
Total world trade | \$37.69 billion

## Computer chip exports continue lengthy slide

No leading U.S. export, import, port or trade partner has gone longer without setting a record than computer chip exports. U.S. exports decreased 1.14 percent in 2018, with the value slipping to \$37.69 billion. The record year was in 2006, when the total was \$46.32 billion. Despite the 2018 decline and the length of time from the last record, the value of these exports has increased in the last five years, up 9.16 percent from \$34.53 billion.

**COUNTRIES:** Since that record-setting total in 2006, the biggest decreases have come in exports to Europe with scattered losses to Asian nations as well. Exports to China have increased.

**PORTS:** Losing the most ground since 2006 have been San Francisco International, Los Angeles International and Anchorage International. DFW International exports have grown. **WC**



### Top Markets for Computer Chips

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$37,690,547,509</b>	<b>(\$434,495,190)</b>	<b>-1.14%</b>
1 Mexico	\$6,866,037,409	\$544,083,370	8.61%
2 China	\$6,097,125,025	\$810,453,717	15.33%
3 Hong Kong	\$3,746,775,568	(\$729,477,223)	-16.30%
4 Malaysia	\$3,176,777,033	(\$862,682,173)	-21.36%
5 South Korea	\$3,167,050,247	\$45,248,590	1.45%
6 Taiwan	\$3,108,296,219	(\$33,141,537)	-1.05%
7 Philippines	\$1,828,032,595	(\$51,109,072)	-2.72%
8 Canada	\$1,800,384,980	\$187,216,190	11.61%
9 Singapore	\$1,188,342,306	(\$158,904,978)	-11.79%
10 Vietnam	\$1,045,881,409	(\$589,636,187)	-36.05%
11 Germany	\$943,580,460	\$164,595,346	21.13%
12 Brazil	\$873,484,071	(\$83,340,194)	-8.71%
13 Thailand	\$785,799,193	\$81,356,554	11.55%
14 Japan	\$658,405,983	\$43,361,104	7.05%
15 The Netherlands	\$410,767,915	(\$56,419,385)	-12.08%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Computer Chip Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$37,690,547,509</b>	<b>(\$434,495,190)</b>	<b>-1.14%</b>
1 Los Angeles Int'l Airport	\$5,892,207,908	(\$758,588,429)	-11.41%
2 DFW International Airport, TX	\$5,506,860,149	\$332,946,737	6.44%
3 Cleveland Hopkins Int'l Airport, OH	\$3,188,439,350	\$280,540,178	9.65%
4 San Francisco Int'l Airport, CA	\$3,165,214,075	\$400,740,115	14.50%
5 Port of New Orleans	\$3,003,436,487	(\$95,275,850)	-3.07%
6 Seattle-Tacoma Int'l Airport	\$2,171,417,955	(\$1,377,595,803)	-38.82%
7 El Paso Int'l Bridge, TX	\$2,116,970,684	\$364,320,604	20.79%
8 Anchorage Int'l Airport, AK	\$1,822,825,713	\$258,375,410	16.52%
9 JFK International Airport	\$1,233,616,060	\$18,492,774	1.52%
10 Miami International Airport	\$1,134,425,966	(\$35,146,580)	-3.01%
11 Blaine, WA	\$1,031,927,756	(\$402,377,504)	-28.05%
12 Port Laredo	\$899,363,277	\$63,197,072	7.56%
13 Highgate Springs Alburg, VT	\$816,829,472	\$183,045,070	28.88%
14 Brownsville Int'l Bridges, TX	\$803,165,000	\$436,399,380	118.99%
15 Portland Int'l Airport, OR	\$688,926,926	\$342,738,073	99.00%

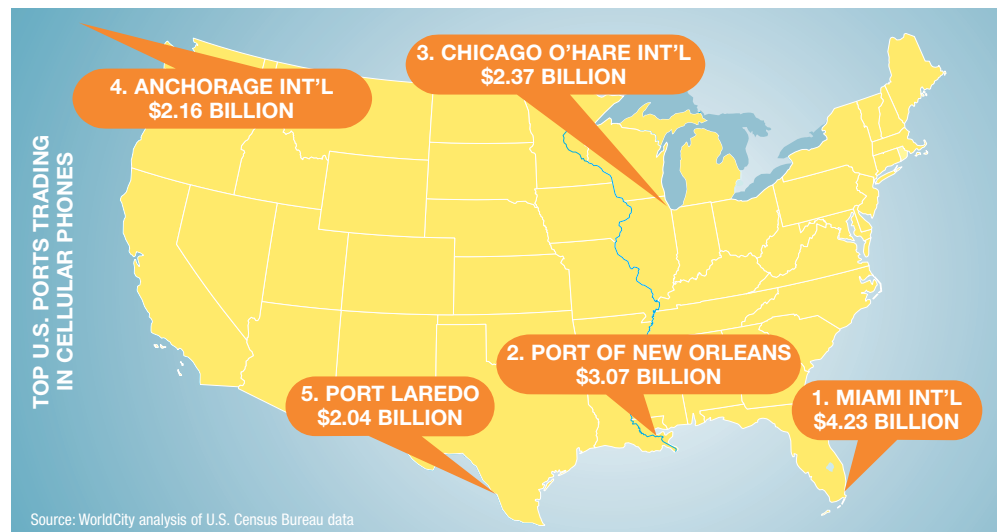
Source: WorldCity analysis of U.S. Census Bureau data

## Cell phones, equipment exports drop \$1.6 billion

After motor vehicle exports, which dropped \$2.14 billion in 2018, exports of cell phones and related equipment dropped the most, down \$1.58 billion to \$32.42 billion. The value of these exports five years ago was \$31.25 billion. That's a difference of 3.75 percent. More than half of the value of these exports is equipment used to transmit cellular signals, as opposed to the cell phones themselves.

**COUNTRIES:** Exports to China fell \$515.44 million in 2018, or about a third of the total. Exports also fell more than \$100 million to the Netherlands, the United Arab Emirates, Paraguay and Japan.

**PORTS:** Miami International Airport ranked No. 1 for exports of cell phones and related equipment in 2018, as it long has, accounting for 13.05 percent of U.S. exports to the world. **WC**



### Top Markets for Cell Phones, Equipment

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$32,423,290,990</b>	<b>(\$1,582,662,614)</b>	<b>-4.65%</b>
1	Hong Kong	\$4,581,747,265	\$243,781,221 5.62%
2	Mexico	\$4,364,947,280	\$169,638,660 4.04%
3	Canada	\$4,219,847,440	\$172,808,712 4.27%
4	The Netherlands	\$1,983,544,669	(\$135,570,080) -6.40%
5	United Arab Emirates	\$1,568,477,063	(\$180,897,186) -10.34%
6	China	\$1,066,500,581	(\$515,441,477) -32.58%
7	Paraguay	\$1,063,665,668	(\$119,938,300) -10.13%
8	United Kingdom	\$866,177,180	\$10,068,198 1.18%
9	Japan	\$811,178,785	(\$168,302,843) -17.18%
10	Singapore	\$808,914,415	\$100,407,388 14.17%
11	Brazil	\$766,323,382	(\$37,776,491) -4.70%
12	Germany	\$723,247,122	(\$61,420,148) -7.83%
13	Australia	\$701,355,263	\$73,308,468 11.67%
14	Thailand	\$503,548,321	(\$54,037,190) -9.69%
15	Colombia	\$492,277,705	\$42,327,172 9.41%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Cell Phone, Related Equipment Exports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$32,423,290,990</b>	<b>(\$1,582,662,614)</b>	<b>-4.65%</b>
1	Miami International Airport	\$4,230,298,851	(\$405,094,533) -8.74%
2	Port of New Orleans	\$3,071,504,270	\$100,404,044 3.38%
3	Chicago O'Hare Int'l Airport	\$2,365,664,574	(\$33,360,672) -1.39%
4	Anchorage Int'l Airport, AK	\$2,160,247,921	\$88,643,943 4.28%
5	Port Laredo	\$2,043,410,225	(\$168,409,262) -7.61%
6	Los Angeles Int'l Airport	\$1,899,590,444	(\$8,287,968) -0.43%
7	DFW International Airport, TX	\$1,896,172,094	(\$258,278,736) -11.99%
8	Detroit Ambassador Bridge, MI	\$1,740,449,256	\$1,084,536,135 165.35%
9	San Francisco International, CA	\$1,712,454,082	(\$144,104,779) -7.76%
10	JFK International Airport	\$1,684,526,501	(\$487,914,641) -22.46%
11	Cleveland Hopkins Int'l Airport, OH	\$1,652,060,527	\$45,030,656 2.80%
12	Houston Intercontinental Airport, TX	\$752,094,031	(\$126,231,825) -14.37%
13	Port Huron, MI	\$689,850,032	\$67,398,238 10.83%
14	El Paso Int'l Bridge, TX	\$591,829,476	\$247,068,956 71.66%
15	Atlanta International Airport	\$462,072,454	(\$1,509,717) -0.33%

Source: WorldCity analysis of U.S. Census Bureau data

# MEDICAL INSTRUMENTS

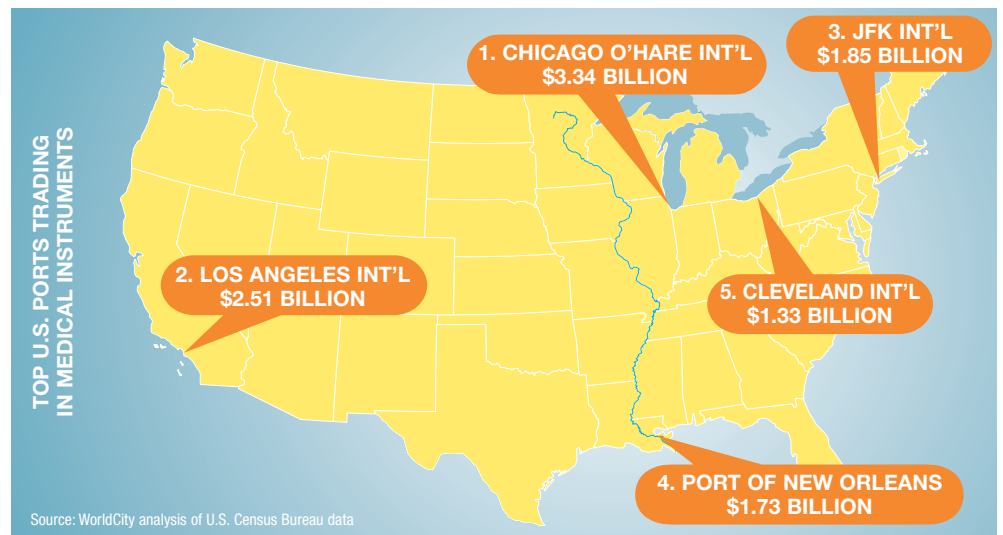
Total world trade | \$28.52 billion

## Medical instrument exports on 25-year run of solid growth

There have only been two years in the last quarter-century when the value of medical instruments used by surgeons, dentists and veterinarians failed to set a record: 2002 and 2015. In 2018, these exports increased 7.53 percent to a third consecutive record of \$28.52 billion. This category includes needles and syringes as well as expensive MRI, ultra-sound and EKG equipment.

**COUNTRIES:** The three biggest markets in 2018 were also the three that showed the most growth, the Netherlands, up \$557.55 million; Japan, up \$387.17 million; and China, up \$341.39 million.

**PORTS:** Chicago O'Hare International Airport ranked No. 1 for these exports in 2018, but Los Angeles International and JFK International, ranked second and third, respectively, grew more rapidly. **WC**



### Top Markets for Medical Instruments

RANK	MARKET	VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$28,522,619,632</b>	<b>\$1,996,507,332</b>	<b>7.53%</b>
1	The Netherlands	\$3,768,213,068	\$557,554,472	17.37%
2	Japan	\$2,860,141,732	\$387,174,370	15.66%
3	China	\$2,785,200,550	\$341,386,121	13.97%
4	Mexico	\$2,520,476,273	\$96,333,042	3.97%
5	Belgium	\$2,415,906,614	(\$371,508,591)	-13.33%
6	Canada	\$2,117,579,171	\$79,007,738	3.88%
7	Germany	\$1,736,895,708	\$93,273,941	5.67%
8	Singapore	\$961,986,363	\$30,944,057	3.32%
9	Australia	\$957,739,058	\$100,539,716	11.73%
10	Brazil	\$653,988,670	\$23,071,481	3.66%
11	South Korea	\$600,880,748	\$61,360,400	11.37%
12	United Kingdom	\$544,552,522	\$113,501,082	26.33%
13	France	\$530,271,340	\$49,985,411	10.41%
14	Ireland	\$455,105,325	\$54,128,344	13.50%
15	Switzerland	\$443,865,497	\$2,024,395	0.46%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Medical Instrument Exports

RANK	PORT	VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$28,522,619,632</b>	<b>\$1,996,507,332</b>	<b>7.53%</b>
1	Chicago O'Hare Int'l Airport	\$3,338,949,279	\$49,706,908	1.51%
2	Los Angeles Int'l Airport	\$2,508,105,415	\$549,536,644	28.06%
3	JFK International Airport	\$1,851,403,897	\$474,335,921	34.45%
4	Port of New Orleans	\$1,726,457,458	\$91,764,474	5.61%
5	Cleveland Hopkins Int'l Airport, OH	\$1,328,774,201	\$33,113,892	2.56%
6	Miami International Airport	\$1,178,373,796	\$41,898,370	3.69%
7	Boston's Logan Int'l Airport	\$1,153,324,099	\$69,078,343	6.37%
8	El Paso Int'l Bridge, TX	\$1,027,565,578	\$22,949,353	2.28%
9	Atlanta International Airport	\$946,814,233	(\$20,121,922)	-2.08%
10	San Francisco International, CA	\$856,347,289	(\$103,741,358)	-10.81%
11	Buffalo Peace Bridge, NY	\$855,425,993	\$76,544,844	9.83%
12	Anchorage Int'l Airport, AK	\$805,759,644	\$146,532,351	22.23%
13	DFW International Airport, TX	\$766,204,744	\$56,465,573	7.96%
14	Cincinnati/No. Kentucky Int'l Airport	\$681,111,859	\$497,572,834	271.10%
15	Seattle-Tacoma Int'l Airport	\$643,281,574	\$138,729,250	27.50%

Source: WorldCity analysis of U.S. Census Bureau data

# PETROLEUM GASES

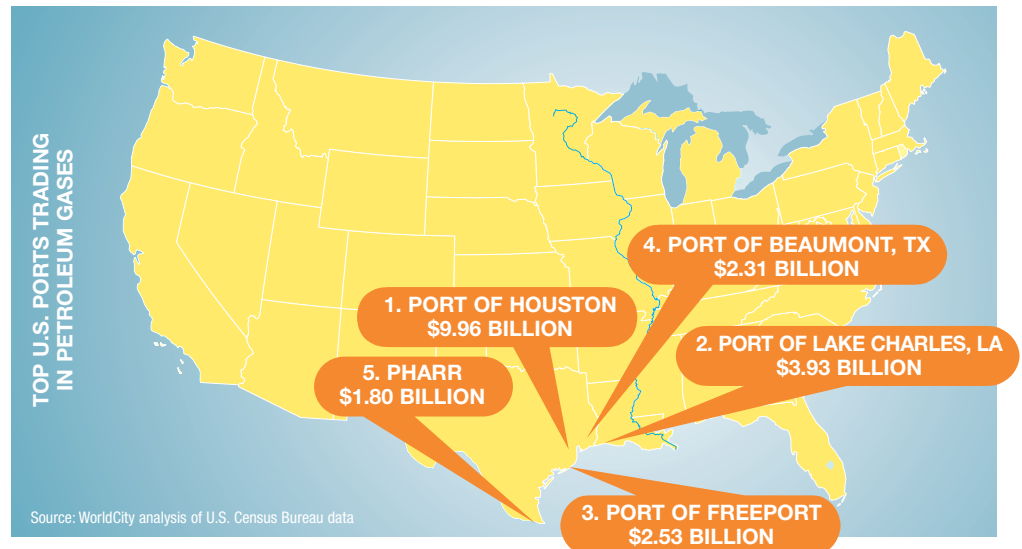
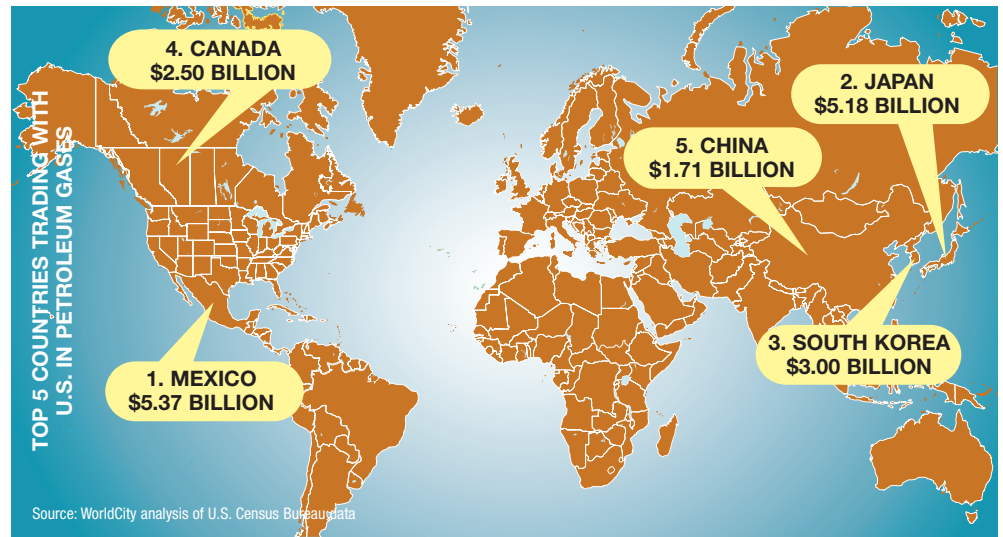
Total world trade | \$28.37 billion

## Propane, other petroleum gases, soar to \$28 billion

Outside of oil, which more than doubled in value, no top 10 U.S. export grew more rapidly in 2018 than petroleum gases and other gaseous hydrocarbons. The increase was 27.43 percent, to a record \$28.37 billion. The category includes propane, which in 2018 accounted for slightly more than half of the total, as well as liquid natural gas and natural gas, which accounted for most of the rest. Exports in this category have increased 126.44 percent over the last five years.

**COUNTRIES:** Exports to Japan and South Korea increased more than \$1 billion each in 2018, while those to Mexico increased \$835.68 million.

**PORTS:** Port of Houston accounted for 35.1 percent of all exports in 2018. Exports from the Port of Lake Charles, La., and the Port of Baltimore, Md., also increased more than \$1 billion each. **WC**



### Top Markets for Petroleum Gases

RANK	MARKET	VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$28,374,410,014</b>	<b>\$6,107,890,625</b>	<b>27.43%</b>
1	Mexico	\$5,368,358,297	\$835,681,167	18.44%
2	Japan	\$5,177,467,638	\$1,815,406,192	54.00%
3	South Korea	\$2,997,811,354	\$1,178,802,177	64.80%
4	Canada	\$2,502,117,487	(\$286,533,904)	-10.27%
5	China	\$1,709,075,461	(\$719,894,658)	-29.64%
6	The Netherlands	\$1,037,412,359	\$511,180,554	97.14%
7	Brazil	\$1,023,144,542	\$239,054,957	30.49%
8	Indonesia	\$659,067,965	\$413,351,565	168.22%
9	Chile	\$622,798,081	\$188,436,865	43.38%
10	Singapore	\$611,906,749	(\$175,726,563)	-22.31%
11	Spain	\$505,888,397	\$257,680,553	103.82%
12	Turkey	\$495,226,082	\$192,378,534	63.52%
13	Dominican Republic	\$475,653,843	\$21,023,307	4.62%
14	Ecuador	\$439,966,197	\$246,544,250	127.46%
15	United Kingdom	\$370,426,400	\$287,554,365	346.99%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Petroleum Gases Exports

RANK	PORT	VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$28,374,410,014</b>	<b>\$6,107,890,625</b>	<b>27.43%</b>
1	Port of Houston	\$9,959,387,859	\$1,766,285,207	21.56%
2	Port of Lake Charles, LA	\$3,934,624,939	\$1,438,049,745	57.60%
3	Port of Freeport, TX	\$2,530,573,276	\$956,530,218	60.77%
4	Port of Beaumont, TX	\$2,306,792,876	\$373,427,377	19.31%
5	Pharr International Bridge, TX	\$1,796,391,037	\$535,045,677	42.42%
6	Port Huron, MI	\$1,241,200,874	\$214,126,799	20.85%
7	Port of Baltimore, MD	\$1,156,032,277	\$1,156,007,277	4,624,029%
8	Sabine Pass Port Authority, TX	\$629,417,584	(\$265,129,729)	-29.64%
9	Port of Chester, PA	\$618,783,687	\$402,955,980	186.70%
10	Buffalo Peace Bridge, NY	\$474,830,448	(\$428,399,507)	-47.43%
11	Port of Corpus Christi, TX	\$466,295,508	\$234,409,293	101.09%
12	Port Laredo	\$453,439,338	\$28,358,291	6.67%
13	Port of Philadelphia	\$443,733,599	(\$114,793,993)	-20.55%
14	Port of Bellingham, WA	\$434,970,030	\$137,926,200	46.43%
15	Port of Calais, ME	\$254,671,909	\$98,668,302	63.25%

Source: WorldCity analysis of U.S. Census Bureau data

# United States' top 50 import commodities

1-YEAR CHANGE	2018 RANK	TOP U.S. IMPORTS FROM THE WORLD IN 2018	2018	2017	ONE-YEAR CHANGE
		<b>Top Imports</b>	<b>\$2,542,733,263,436</b>	<b>\$2,342,905,114,674</b>	<b>8.53%</b>
0	1	Motor vehicles for transporting people	\$174,946,808,328	\$177,149,423,045	-1.24%
0	2	Oil	\$157,352,708,077	\$132,944,785,373	18.36%
0	3	Cell phones, related equipment	\$109,377,444,826	\$111,989,025,121	-2.33%
0	4	Computers	\$92,665,030,224	\$84,024,056,332	10.28%
0	5	Returned exports, no change	\$75,338,393,412	\$66,407,711,863	13.45%
1	6	Medicines in individual dosages	\$71,196,418,725	\$64,599,048,328	10.21%
-1	7	Motor vehicle parts	\$69,800,219,960	\$65,064,106,459	7.28%
0	8	Gasoline, other fuels	\$59,785,605,752	\$46,263,025,803	29.23%
2	9	Vaccines, plasma, other blood "fractions"	\$37,609,561,382	\$25,894,369,815	45.24%
-1	10	Computer chips	\$34,720,038,691	\$33,372,053,282	4.04%
-1	11	Commercial vehicles	\$28,703,309,715	\$26,367,928,447	8.86%
4	12	Computer parts	\$27,753,389,420	\$22,713,850,485	22.19%
1	13	Aircraft engines, engine parts	\$25,994,038,784	\$23,205,533,167	12.02%
-1	14	Furniture, parts	\$25,345,483,045	\$23,353,848,742	8.53%
2	15	Medical instruments for surgeons, dentists, veterinarians	\$25,085,560,465	\$22,710,913,426	10.46%
-1	16	Seats, excluding barber, dental	\$24,375,192,982	\$23,111,282,942	5.47%
-5	17	TVs, computer monitors	\$24,160,395,476	\$24,308,064,058	-0.61%
0	18	Diamonds, not mounted	\$23,917,076,668	\$22,706,868,508	5.33%
0	19	Insulated wire, cable	\$21,939,747,698	\$19,797,904,696	10.82%
2	20	Aircraft parts	\$19,033,956,667	\$16,637,413,649	14.40%
-1	21	Salvage	\$18,252,716,627	\$17,457,457,408	4.56%
-1	22	Printers, all types, parts	\$16,380,481,768	\$16,673,256,929	-1.76%
0	23	Taps, cocks and valves for pipes, tanks	\$16,274,369,002	\$14,527,314,014	12.03%
2	24	Power supplies, transformers	\$15,043,343,694	\$13,921,245,962	8.06%
0	25	Sweaters, pullovers, vests, knit or crocheted	\$14,759,078,286	\$13,930,101,217	5.95%
2	26	Rubber tires	\$14,444,759,306	\$13,392,066,051	7.86%
-3	27	Children's bicycles, games	\$14,090,584,121	\$14,260,725,624	-1.19%
1	28	Orthopedic appliances, artificial body parts	\$13,342,074,601	\$11,898,284,480	12.13%
9	29	Heterocyclic chemical compounds	\$12,410,510,724	\$10,736,830,492	15.59%
18	30	Tractors	\$12,402,169,069	\$9,010,158,411	37.65%
2	31	Electrical boards, panels and switches	\$12,370,827,096	\$11,128,490,376	11.16%
-5	32	Aircraft	\$12,294,640,974	\$13,815,953,775	-11.01%
-2	33	Lamp and lighting parts	\$12,017,556,551	\$11,356,901,976	5.82%
2	34	Motor vehicle engines	\$11,865,682,459	\$10,978,998,029	8.08%
-3	35	Unrecorded media for audio	\$11,771,501,495	\$11,186,075,821	5.23%
-1	36	Compressors and pumps	\$11,694,067,579	\$11,000,193,351	6.31%
2	37	Electrical supplies, apparatus, less than 1000V	\$11,527,666,507	\$10,686,211,799	7.87%
-1	38	Travel goods, including handbags, wallets, jewelry	\$11,523,439,016	\$10,853,582,059	6.17%
3	39	Pumps for dispensing liquids	\$11,495,593,313	\$10,345,701,477	11.11%
-10	40	TV cameras, digital cameras, camcorders	\$11,285,185,213	\$11,762,979,334	-4.06%
3	41	Misc. plastic articles	\$10,731,565,427	\$9,778,814,854	9.74%
-1	42	Leather shoes	\$10,689,392,699	\$10,371,575,166	3.06%
-3	43	Aluminum, unwrought	\$10,118,235,653	\$10,642,047,361	-4.92%
2	44	Electric motors, generators, not sets	\$9,993,192,385	\$9,526,480,662	4.90%
0	45	Women's or girls' suits, not knit	\$9,987,903,906	\$9,658,523,155	3.41%
4	46	Miscellaneous electrical machinery	\$9,949,268,435	\$8,683,599,079	14.58%
0	47	Engine parts	\$9,794,620,019	\$9,235,317,530	6.06%
-5	48	Petroleum gases, other gaseous hydrocarbons	\$9,720,996,303	\$10,285,252,440	-5.49%
-15	49	Gold	\$9,626,514,919	\$11,068,103,164	-13.02%
-1	50	Transmission shafts, bearings, gears	\$9,595,462,856	\$8,782,858,077	9.25%

Source: WorldCity analysis of U.S. Census Bureau data



**No. 1**  
TOP U.S. IMPORTS

# MOTOR VEHICLES

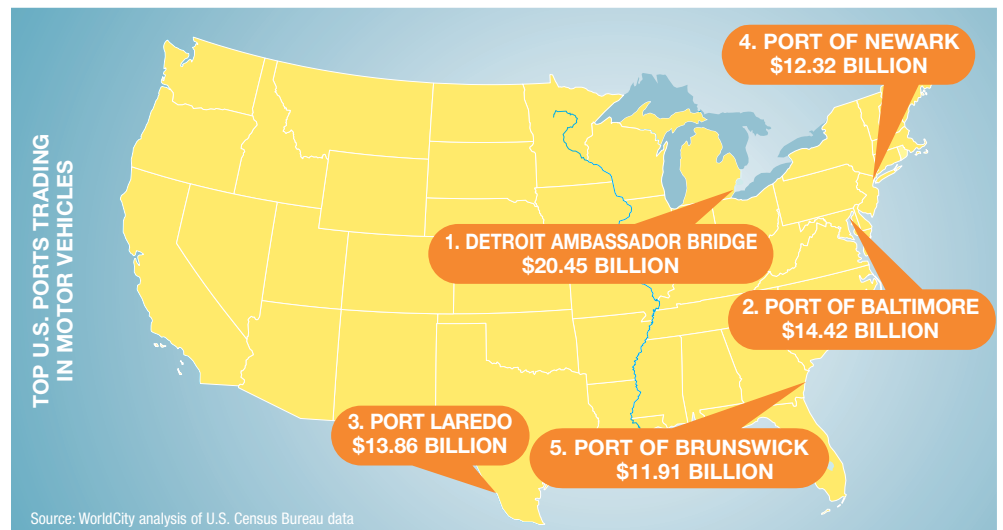
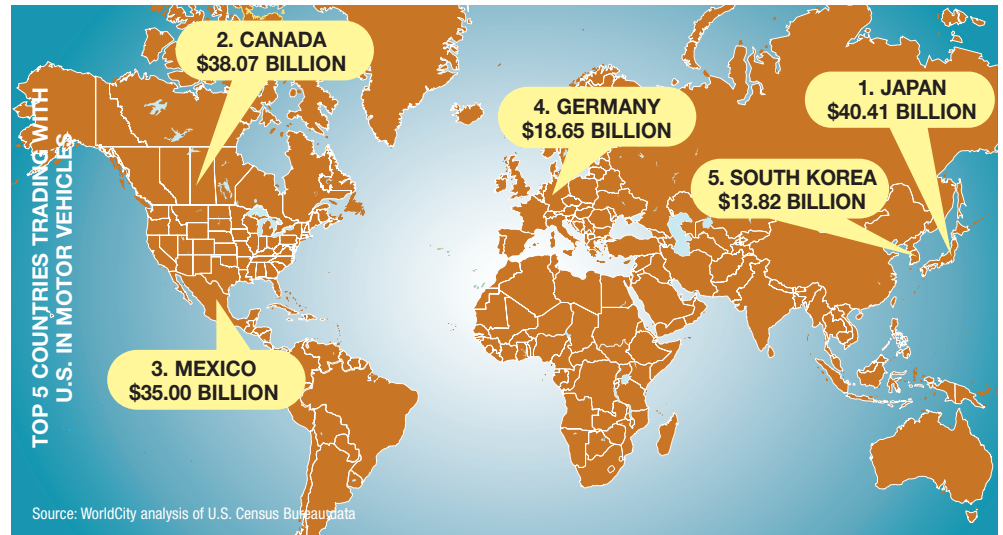
Total world trade | \$174.95 billion

## Motor vehicles fall 1%, end 6-year run of records

For U.S. imports of motor vehicles, 2018 saw a slight, 1.24 percent decline to \$174.95 billion that ended a run of six straight record years. Just five years ago, the total was \$153.56 billion. The increase since then, 13.92 percent, is more than four times the increase of overall U.S. imports, which are up 2.93 percent in that time.

**COUNTRIES:** For the first time since 2009, Japan in 2018 was responsible for more imports than Canada. Just three countries – Japan, Canada and Mexico – accounted for 64.87 percent of all imports in 2018.

**PORTS:** Imports via Port Laredo grew the most in 2018, up \$2.35 billion while imports attributed to Detroit's Ambassador Bridge fell \$2.55 billion and its neighbor, Port Huron, saw its imports fall \$1.70 billion. **WC**



### Top Sources for Motor Vehicles

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$174,946,808,328</b>	<b>(\$2,202,614,717)</b>	<b>-1.24%</b>
1 Japan	\$40,409,119,152	\$538,819,417	1.35%
2 Canada	\$38,068,062,527	(\$5,546,764,388)	-12.72%
3 Mexico	\$35,002,591,839	\$4,605,339,865	15.15%
4 Germany	\$18,654,250,696	(\$1,886,063,927)	-9.18%
5 South Korea	\$13,822,573,279	(\$1,911,396,343)	-12.15%
6 United Kingdom	\$9,663,914,676	\$929,306,570	10.64%
7 Italy	\$4,606,865,781	(\$346,355,930)	-6.99%
8 Slovakia	\$2,963,581,694	\$966,910,943	48.43%
9 Sweden	\$1,966,577,910	(\$59,955,527)	-2.96%
10 Finland	\$1,723,379,392	\$572,724,277	49.77%
11 China	\$1,568,579,716	(\$130,752,316)	-7.69%
12 India	\$1,148,473,566	\$1,035,244,651	914.29%
13 Austria	\$1,126,049,662	\$774,288,366	220.12%
14 Hungary	\$874,175,824	(\$334,501,706)	-27.68%
15 The Netherlands	\$664,473,290	\$113,549,771	20.61%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Motor Vehicle Imports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$174,946,808,328</b>	<b>(\$2,202,614,717)</b>	<b>-1.24%</b>
1 Detroit Ambassador Bridge, MI	\$20,451,222,027	(\$2,548,310,943)	-11.08%
2 Port of Baltimore, MD	\$14,424,035,650	\$217,716,532	1.53%
3 Port Laredo	\$13,862,457,366	\$2,345,136,901	20.36%
4 Port of Newark	\$12,324,285,042	(\$726,209,081)	-5.56%
5 Port of Brunswick, GA	\$11,905,375,721	\$845,289,251	7.64%
6 Port of Los Angeles	\$11,667,367,983	(\$542,041,812)	-4.44%
7 Port of Jacksonville, FL	\$10,793,778,457	(\$679,584,118)	-5.92%
8 Port Huron, MI	\$9,966,186,274	(\$1,701,675,972)	-14.58%
9 Port Hueneme, CA	\$7,605,300,781	(\$55,558,851)	-0.73%
10 Buffalo Peace Bridge, NY	\$7,051,321,045	(\$1,340,132,598)	-15.97%
11 Port of Providence, RI	\$6,862,864,583	\$38,398,472	0.56%
12 Port of Portland, OR	\$6,428,633,022	\$1,153,388,291	21.86%
13 Port of San Diego, CA	\$5,292,062,012	(\$898,242,845)	-14.51%
14 El Paso Int'l Bridge, TX	\$4,655,324,843	\$309,736,260	7.13%
15 Eagle Pass Int'l Bridge, TX	\$3,475,148,001	\$201,509,604	6.16%

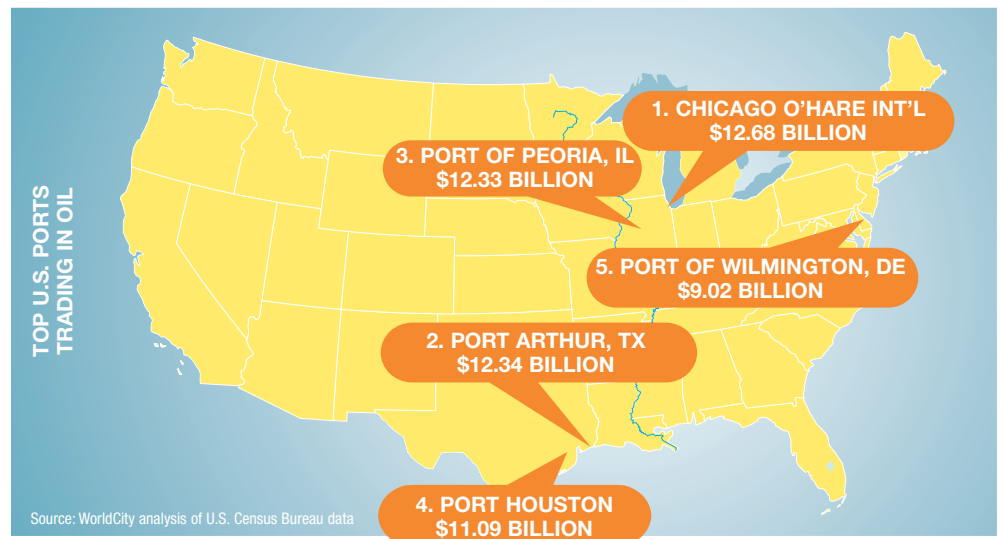
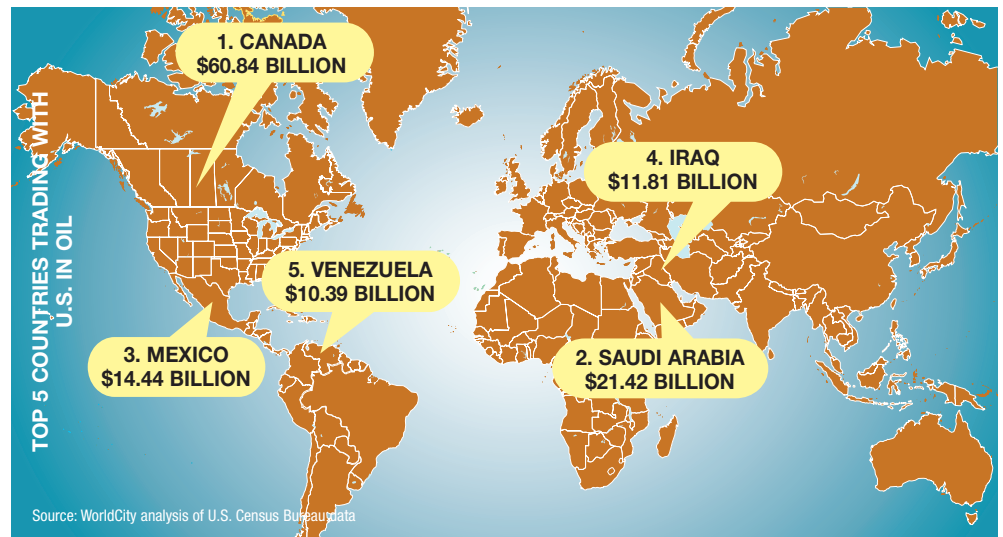
Source: WorldCity analysis of U.S. Census Bureau data

## Oil imports up 18%, but record was set in 2008

The last record year for U.S. oil imports was in 2008, when the total was \$353.54 billion. In 2018, oil imports increased 18.36 percent to \$157.35 billion. Even five years ago, the value was higher, \$273.84 billion. While oil imports to the U.S. have decreased 42.54 percent over the last five years, overall U.S. imports have increased 2.93 percent.

**COUNTRIES:** Canada accounted for almost 39 percent of all oil imports into the United States in 2018 and those imports increased 21.39 percent.

**PORTS:** The top five “ports” for U.S. oil imports – Chicago’s O’Hare International Airport, Port Arthur in Texas, Peoria in Illinois, the Port of Houston and the Port of Wilmington in Delaware – were responsible for 36.51 percent of the total. **WC**



Top Sources for Oil

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$157,352,708,077</b>	<b>\$24,407,922,704</b>	<b>18.36%</b>
1	Canada	\$60,844,898,572	\$10,723,073,000	21.39%
2	Saudi Arabia	\$21,417,703,759	\$3,935,000,971	22.51%
3	Mexico	\$14,444,518,242	\$4,664,197,478	47.69%
4	Iraq	\$11,811,195,899	\$1,124,455,345	10.52%
5	Venezuela	\$10,393,784,130	(\$40,728,521)	-0.39%
6	Colombia	\$6,461,637,856	(\$10,343,913)	-0.16%
7	Nigeria	\$5,002,919,388	(\$1,310,226,028)	-20.75%
8	Ecuador	\$4,121,414,969	\$227,816,960	5.85%
9	Brazil	\$3,779,003,121	\$69,470,128	1.87%
10	Angola	\$2,420,028,802	\$17,977,359	0.75%
11	Algeria	\$2,136,455,466	\$783,427,077	57.90%
12	Russia	\$2,039,228,791	\$1,078,239,419	112.20%
13	Kuwait	\$1,839,970,782	(\$884,228,098)	-32.46%
14	Norway	\$1,660,827,496	\$773,025,364	87.07%
15	United Kingdom	\$1,455,893,941	\$957,545,855	192.14%

Source: WorldCity analysis of U.S. Census Bureau data

Top Ports for Oil Imports

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$157,352,708,077</b>	<b>\$24,407,922,704</b>	<b>18.36%</b>
1	Chicago O'Hare Int'l Airport	\$12,676,161,232	\$2,873,269,591	29.31%
2	Port Arthur, TX	\$12,335,888,610	\$2,176,907,393	21.43%
3	Port of Peoria, IL	\$12,326,559,019	\$2,324,736,264	23.24%
4	Port of Houston	\$11,094,693,606	\$1,672,093,195	17.75%
5	Port of Wilmington, DE	\$9,020,934,083	\$1,881,748,064	26.36%
6	Port of Long Beach	\$6,627,821,958	\$1,709,462,185	34.76%
7	Port of Morgan City, LA	\$6,335,170,393	(\$622,131,519)	-8.94%
8	Port of El Segundo, CA	\$5,524,246,412	\$1,809,116,504	48.70%
9	Port of Lake Charles, LA	\$5,361,599,554	\$1,542,736,913	40.40%
10	Minneapolis-St. Paul Int'l, MN	\$4,963,420,758	\$78,027,938	1.60%
11	Port of Newark	\$4,520,642,381	\$522,691,441	13.07%
12	Port of Richmond, CA	\$4,399,124,576	\$1,080,250,264	32.55%
13	Port of Corpus Christi, TX	\$4,255,543,926	\$315,456,614	8.01%
14	Shell Oil Terminal, Martinez, CA	\$3,639,585,444	\$1,066,359,940	41.44%
15	St. Louis Int'l Airport, MO	\$3,632,165,741	\$654,435,928	21.98%

Source: WorldCity analysis of U.S. Census Bureau data

# CELL PHONES, EQUIPMENT

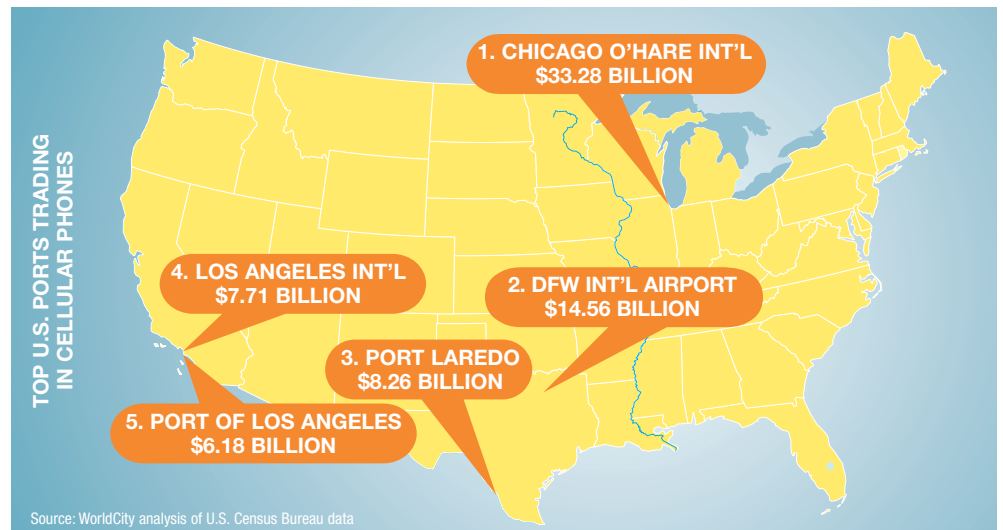
Total world trade | \$109.38 billion

## Cell phone imports dip 2%, end run of 8 record years

Cell phone and related equipment imports into the United States decreased 2.33 percent in 2018, ending a run of eight consecutive years of record imports. The 2018 total was \$109.38 billion. Five years ago, the total had been \$88.99 billion. That 22.9 percent increase over the last five years dwarfs the increase of all U.S. imports, 2.93 percent.

**COUNTRIES:** China totally dominates this market, which includes not only phones but equipment for receiving signals and, to a limited extent, landline phones. In 2018, China accounted for 65.17 percent of all U.S. imports. It has accounted for more than 60 percents of all imports five of the last six years.

**PORTS:** Chicago's O'Hare International Airport accounted for 30.43 percent of all imports in 2018. **WC**



### Top Sources for Cell Phones, Related Equipment

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$109,377,444,826</b>	<b>(\$2,611,580,295)</b>	<b>-2.33%</b>
1	China	\$71,285,465,002	(\$415,694,256) -0.58%
2	Mexico	\$10,541,853,991	(\$474,151,452) -4.30%
3	Vietnam	\$6,421,405,684	\$1,037,994,499 19.28%
4	South Korea	\$4,721,378,971	(\$1,437,771,821) -23.34%
5	Malaysia	\$3,926,076,380	(\$1,433,901,641) -26.75%
6	Thailand	\$3,057,109,613	(\$480,688,395) -13.59%
7	Taiwan	\$2,144,323,885	(\$461,680,461) -17.72%
8	Canada	\$928,017,146	\$158,342,042 20.57%
9	Japan	\$803,931,832	\$89,331,073 12.50%
10	Singapore	\$523,770,879	\$280,058,665 114.91%
11	Estonia	\$497,626,232	\$249,278,408 100.37%
12	Austria	\$461,527,525	(\$48,647,677) -9.54%
13	Israel	\$419,169,238	\$24,871,423 6.31%
14	Germany	\$408,476,936	(\$53,461,238) -11.57%
15	Hong Kong	\$331,512,329	\$133,996,829 67.84%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Cell Phone, Related Equipment Imports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$109,377,444,826</b>	<b>(\$2,611,580,295)</b>	<b>-2.33%</b>
1	Chicago O'Hare Int'l Airport	\$33,284,151,528	(\$2,989,691,781) -8.24%
2	DFW International Airport, TX	\$14,564,504,154	(\$1,074,676,357) -6.87%
3	Port Laredo	\$8,264,675,970	(\$1,278,649,009) -13.40%
4	Los Angeles Int'l Airport	\$7,705,781,947	\$1,883,219,803 32.34%
5	Port of Los Angeles	\$6,182,051,166	\$1,205,298,379 24.22%
6	JFK International Airport	\$5,485,269,511	\$616,810,086 12.67%
7	El Paso Int'l Bridge, TX	\$4,146,346,197	(\$986,911,811) -19.23%
8	Anchorage Int'l Airport, AK	\$4,120,911,750	(\$748,109,331) -15.36%
9	San Francisco International, CA	\$3,040,793,852	(\$1,341,844,159) -30.62%
10	Port of New Orleans	\$2,897,767,810	(\$365,936,900) -11.21%
11	Port of Long Beach	\$2,382,824,733	\$1,424,566,339 148.66%
12	Miami International Airport	\$2,341,080,415	(\$124,647,031) -5.06%
13	Cleveland Hopkins Int'l Airport, OH	\$2,040,644,518	\$155,689,078 8.26%
14	Atlanta International Airport	\$1,923,632,088	\$381,873,634 24.77%
15	Port of Newark	\$941,343,676	\$129,568,491 15.96%

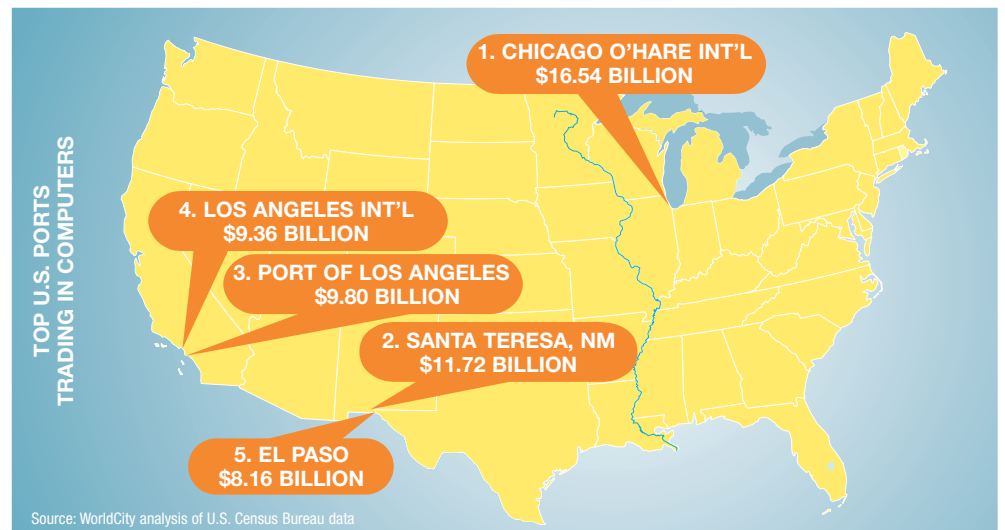
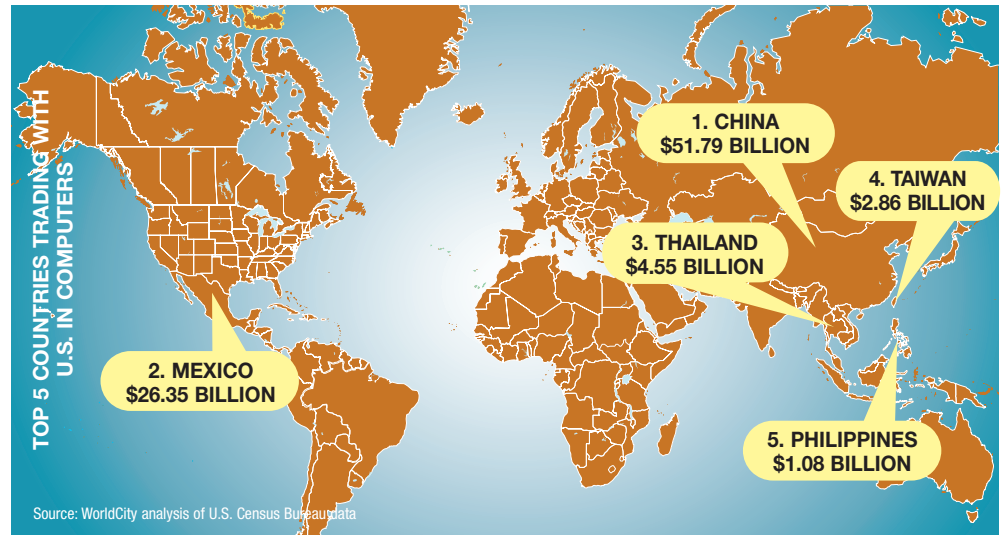
Source: WorldCity analysis of U.S. Census Bureau data

## Computer imports top \$90 billion, break 2012 record

The value of computer imports into the United States totaled \$92.67 billion in 2018, breaking the record set in 2012. The increase over the 2017 total was 10.28 percent. Over the last five years, computer imports have increased 12.94 percent, or about four times the average for overall U.S. imports, 2.93 percent.

**COUNTRIES:** Imports from Mexico increased \$6.32 billion in 2018. With China, it accounted for 84.32 percent of all U.S. computer imports in 2018.

**PORTS:** Chicago's O'Hare International Airport ranked No. 1 for computers imports in 2018 while Santa Teresa, N.M., ranked second, aligning with imports from China and Mexico, respectively. Other Texas and California ports were also important gateways for computer imports as well. **WC**



### Top Sources for Computers

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$92,665,030,224</b>	<b>\$8,640,973,892</b>	<b>10.28%</b>
1	China	\$51,785,079,226	\$1,273,916,099	2.52%
2	Mexico	\$26,349,842,756	\$6,323,359,596	31.57%
3	Thailand	\$4,545,191,461	\$368,082,668	8.81%
4	Taiwan	\$2,862,584,603	\$281,235,366	10.89%
5	Philippines	\$1,080,399,081	\$85,832,074	8.63%
6	Malaysia	\$1,078,223,284	\$176,995,951	19.64%
7	Vietnam	\$836,035,609	(\$104,512,585)	-11.11%
8	Japan	\$545,219,266	\$51,709,710	10.48%
9	Germany	\$494,301,783	\$42,430,326	9.39%
10	Canada	\$412,382,212	\$39,598,970	10.62%
11	South Korea	\$372,910,045	\$35,126,785	10.40%
12	Hungary	\$323,959,443	(\$6,887,018)	-2.08%
13	United Kingdom	\$308,408,906	\$43,317,192	16.34%
14	Singapore	\$280,868,954	(\$193,377,959)	-40.78%
15	Indonesia	\$195,897,357	\$104,064,919	113.32%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Computer Imports

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$92,665,030,224</b>	<b>\$8,640,973,892</b>	<b>10.28%</b>
1	Chicago O'Hare Int'l Airport	\$16,540,312,056	\$43,447,178	0.26%
2	Santa Teresa, NM	\$11,717,400,611	\$2,287,521,450	24.26%
3	Port of Los Angeles	\$9,803,685,474	(\$540,532,171)	-5.23%
4	Los Angeles Int'l Airport	\$9,360,732,723	\$67,493,787	0.73%
5	El Paso Int'l Bridge, TX	\$8,164,063,940	\$1,781,349,624	27.91%
6	Port Laredo	\$6,289,973,752	\$2,089,508,662	49.74%
7	Anchorage Int'l Airport, AK	\$4,443,569,097	\$4,681,528	0.11%
8	JFK International Airport	\$3,467,420,501	(\$209,727,455)	-5.70%
9	Port of Long Beach	\$3,241,408,165	\$464,496,570	16.73%
10	San Francisco International, CA	\$2,890,056,830	\$703,394,368	32.17%
11	Atlanta International Airport	\$2,548,461,362	(\$178,522,662)	-6.55%
12	DFW International Airport, TX	\$1,821,787,470	(\$111,439,123)	-5.76%
13	Port of New Orleans	\$1,652,609,783	(\$14,375,466)	-0.86%
14	Cleveland Hopkins Int'l Airport, OH	\$1,360,064,738	\$308,719,815	29.36%
15	Port of Oakland, CA	\$1,092,841,569	(\$59,779,692)	-5.19%

Source: WorldCity analysis of U.S. Census Bureau data

# RETURNED EXPORTS, NO CHANGE

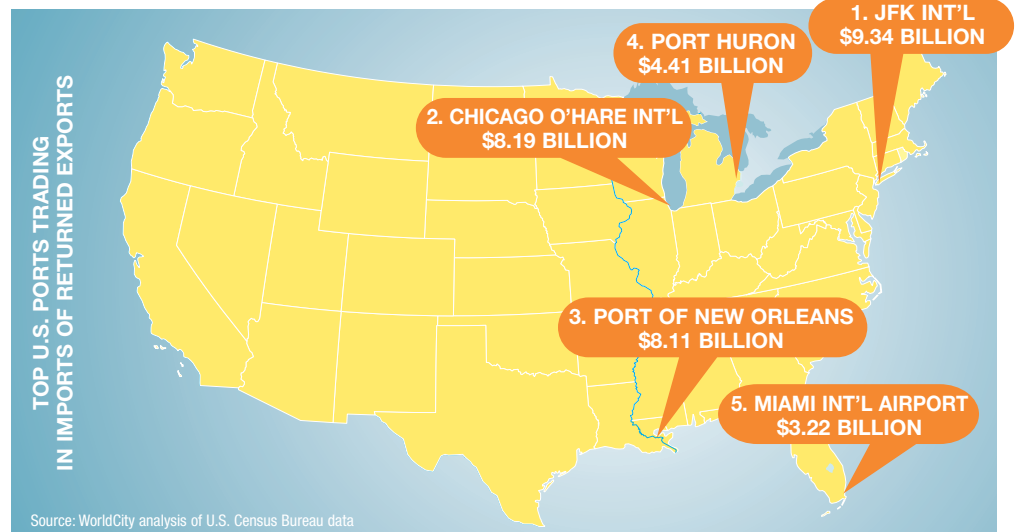
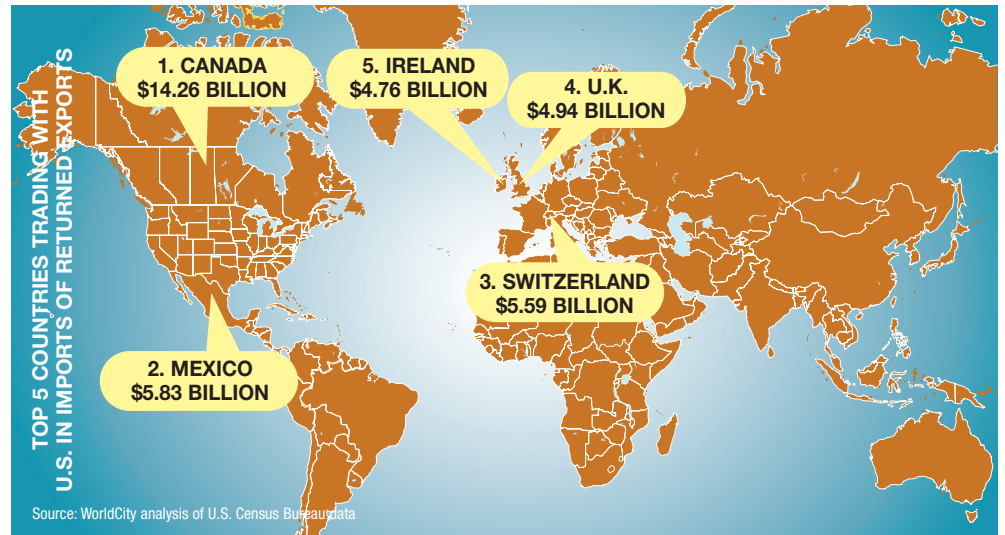
Total world trade | \$75.34 billion

## Returned exports high-flying again, set a 9th record

Exports returned to the United States without change increased 13.45 percent in 2018 to a record-setting value of \$75.34 billion. It was the ninth consecutive year that the value of these imports set a record. These imports tend to be higher value, including medicines, medical devices and automotive parts. There is also a category for returned exports with change, such as repairs or enhancements.

**COUNTRIES:** The top 15 markets all topped \$1 billion in imports, led by Canada. Imports from the Netherlands increased \$2.07 billion.

**PORTS:** New York's JFK International Airport ranked No. 1 for these imports though the biggest gain was at No. 2-ranked O'Hare International, where these inbound shipments increased \$3.10 billion. **WC**



### Top Sources for Imports of Returned Exports

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$75,338,393,412</b>	<b>\$8,930,681,549</b>	<b>13.45%</b>
1	Canada	\$14,264,594,663	\$896,264,544	6.70%
2	Mexico	\$5,829,592,784	\$149,946,456	2.64%
3	Switzerland	\$5,587,313,222	\$1,359,205,394	32.15%
4	United Kingdom	\$4,942,956,726	\$223,140,390	4.73%
5	Ireland	\$4,758,338,043	\$1,890,843,478	65.94%
6	Germany	\$4,443,573,953	\$409,926,505	10.16%
7	France	\$3,984,039,588	\$432,572,477	12.18%
8	The Netherlands	\$3,617,242,044	\$2,074,792,620	134.51%
9	Singapore	\$2,984,156,354	\$510,177,561	20.62%
10	China	\$2,634,698,473	\$219,024,767	9.07%
11	Japan	\$2,524,006,742	\$422,693,119	20.12%
12	Hong Kong	\$2,392,623,186	(\$146,055,996)	-5.75%
13	Brazil	\$1,856,925,610	\$501,297,401	36.98%
14	Israel	\$1,393,859,648	(\$9,792,436)	-0.70%
15	Taiwan	\$1,162,278,504	\$207,485,738	21.73%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Imports of Returned Exports

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$75,338,393,412</b>	<b>\$8,930,681,549</b>	<b>13.45%</b>
1	JFK International Airport	\$9,336,974,312	(\$598,303,041)	-6.02%
2	Chicago O'Hare Int'l Airport	\$8,194,847,506	\$3,096,728,387	60.74%
3	Port of New Orleans	\$8,114,352,244	\$434,221,259	5.65%
4	Port Huron, MI	\$4,406,387,114	\$840,661,083	23.58%
5	Miami International Airport	\$3,217,132,699	\$230,402,407	7.71%
6	Los Angeles Int'l Airport	\$3,204,416,086	\$232,828,194	7.84%
7	Atlanta International Airport	\$2,915,001,134	\$1,292,715,021	79.68%
8	Cleveland Hopkins Int'l Airport, OH	\$2,824,804,136	\$96,975,516	3.56%
9	San Francisco International, CA	\$1,928,684,034	\$77,662,691	4.20%
10	Buffalo Peace Bridge, NY	\$1,738,996,661	\$213,551,493	14.00%
11	Anchorage Int'l Airport, AK	\$1,703,824,945	\$432,241,198	33.99%
12	Port of Newark	\$1,644,451,902	\$151,390,645	10.14%
13	Port Laredo	\$1,612,073,217	(\$45,348,043)	-2.74%
14	DFW International Airport, TX	\$1,382,528,827	\$80,293,312	6.17%
15	Detroit Ambassador Bridge, MI	\$1,335,326,796	(\$34,994,959)	-2.55%

Source: WorldCity analysis of U.S. Census Bureau data

# MEDICINE, INDIVIDUAL DOSAGES

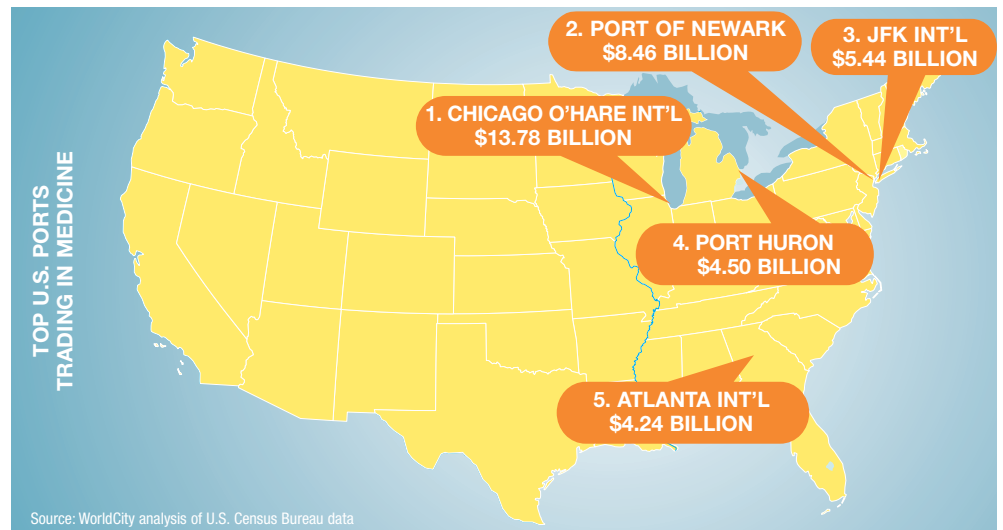
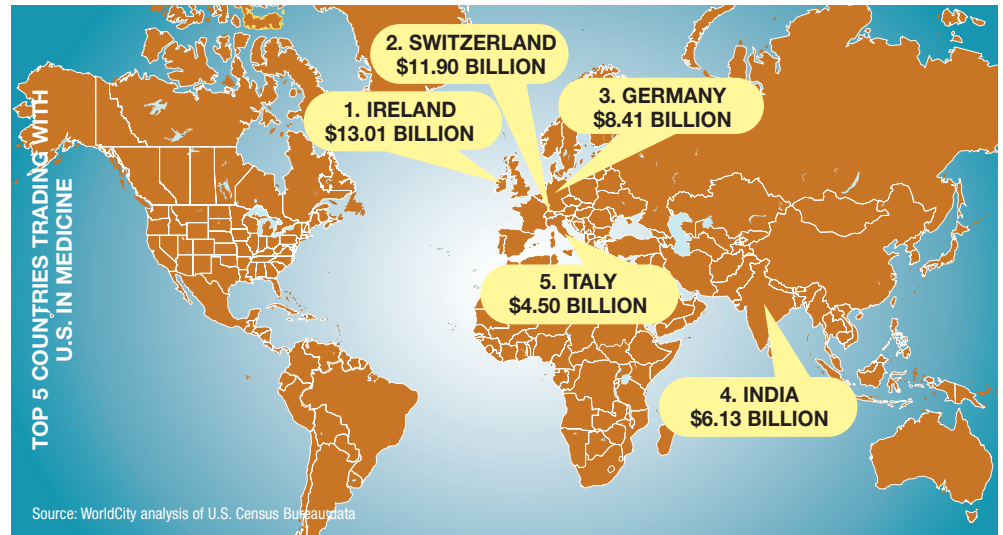
Total world trade | \$71.20 billion

## Medicine imports top \$70 billion, set record in 2018

Medicine imports into the United States increased 10.21 percent in 2018 to a record \$71.20 billion. This category of medicines are in individual dosages, largely in pill form. While overall U.S. imports have increased 2.93 percent in the last five years, medicines in individual dosages have increased 51.89 percent.

**COUNTRIES:** While imports in excess of \$1 billion came from the 13 top-ranked nations in 2018, Ireland and Switzerland each accounted for more than \$10 billion of the total.

**PORTS:** Chicago O'Hare International Airport ranked No. 1 for imports of these medicines in 2018, accounting for 19.35 percent of U.S. imports from the world. Its total, \$13.78 billion, was an increase of \$3.66 billion over the previous year, the biggest increase for any port. **WC**



### Top Sources for Medicine, Individual Dosages

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$71,196,418,725</b>	<b>\$6,597,370,397</b>	<b>10.21%</b>
1 Ireland	\$13,011,861,865	\$138,200,575	1.07%
2 Switzerland	\$11,899,218,944	\$1,961,673,167	19.74%
3 Germany	\$8,409,387,811	\$144,802,342	1.75%
4 India	\$6,131,799,918	\$171,356,108	2.87%
5 Italy	\$4,497,175,420	\$488,242,309	12.18%
6 Canada	\$4,063,205,299	\$1,047,712,316	34.74%
7 Denmark	\$3,965,727,830	\$1,016,258,382	34.46%
8 United Kingdom	\$3,692,976,199	\$452,063,756	13.95%
9 Israel	\$3,187,332,973	(\$862,539,458)	-21.30%
10 France	\$2,562,167,654	\$334,792,564	15.03%
11 Singapore	\$1,977,119,727	\$545,290,297	38.08%
12 Japan	\$1,807,418,739	\$253,450,872	16.31%
13 Spain	\$1,093,985,496	\$546,966,836	99.99%
14 Belgium	\$996,930,000	\$232,132,860	30.35%
15 Austria	\$950,621,693	(\$9,758,399)	-1.02%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Imports of Medicine, Individual Dosages

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$71,196,418,725</b>	<b>\$6,597,370,397</b>	<b>10.21%</b>
1 Chicago O'Hare Int'l Airport	\$13,778,323,052	\$3,659,981,606	36.17%
2 Port of Newark	\$8,460,985,761	\$1,995,048,809	30.85%
3 JFK International Airport	\$5,439,529,448	(\$1,421,698,021)	-20.72%
4 Port Huron, MI	\$4,504,822,658	(\$255,589,131)	-5.37%
5 Atlanta International Airport	\$4,241,408,971	\$608,375,703	16.75%
6 Huntsville Int'l Airport, AL	\$3,275,921,353	(\$502,042,154)	-13.29%
7 Port of Virginia	\$3,077,061,896	\$828,396,895	36.84%
8 Cleveland Hopkins Int'l Airport, OH	\$2,956,741,482	\$1,030,825,399	53.52%
9 Detroit Ambassador Bridge, MI	\$2,900,727,943	(\$642,239,880)	-18.13%
10 Port of Savannah	\$2,603,636,193	(\$54,606,402)	-2.05%
11 Cincinnati/No. Kentucky Int'l Airport	\$2,597,756,921	\$875,394,652	50.83%
12 Philadelphia International Airport	\$2,122,836,366	(\$171,346,091)	-7.47%
13 Houlton, ME	\$2,053,859,024	\$755,758,108	58.22%
14 Port of Charleston	\$1,978,143,304	(\$388,797,108)	-16.43%
15 Dulles International Airport, VA	\$1,905,125,935	(\$328,268,540)	-14.70%

Source: WorldCity analysis of U.S. Census Bureau data

# MOTOR VEHICLE PARTS

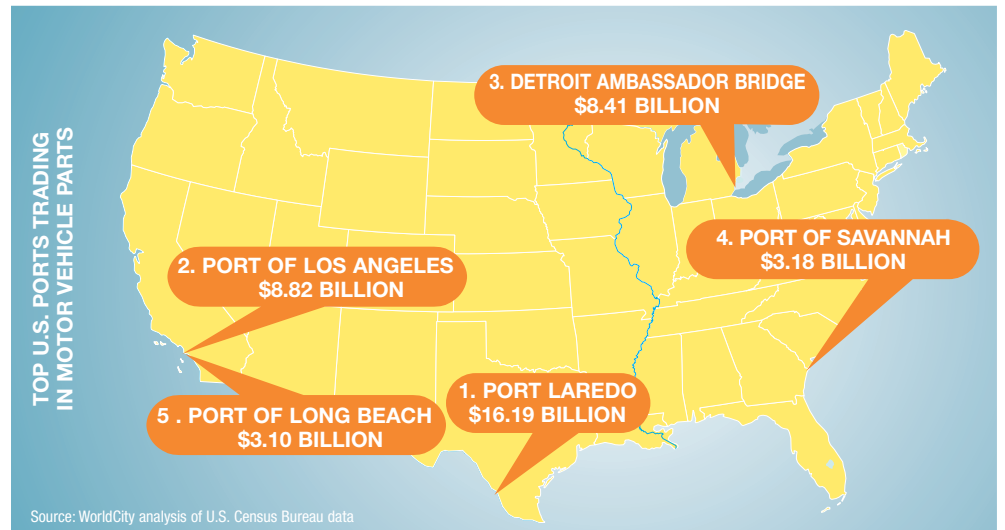
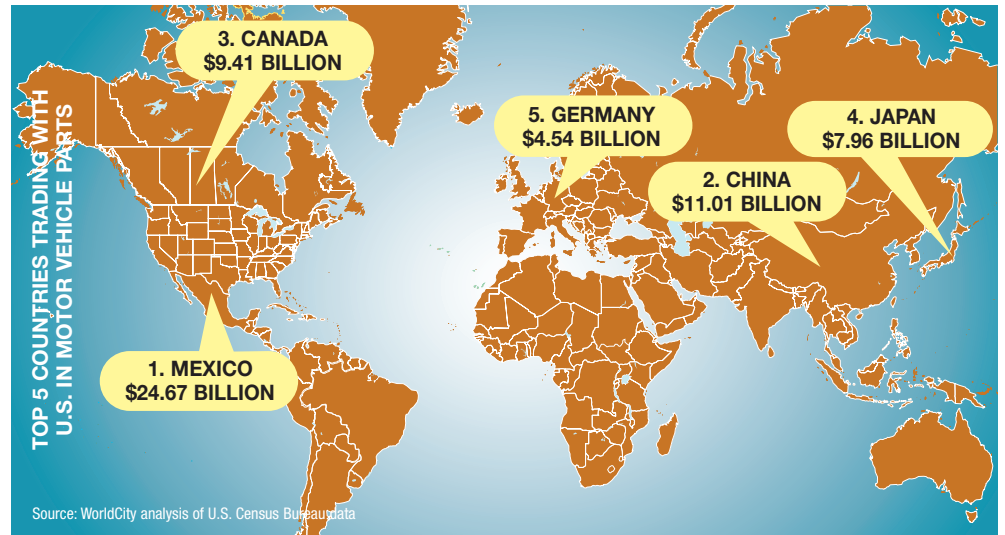
Total world trade | \$69.80 billion

Motor vehicle part imports up 7%, near \$70 billion

Motor vehicle part imports into the United States increased 7.28 percent in 2018 to a record \$69.8 billion. Over the course of the last five years, motor vehicle part imports have increased 21.76 percent, about seven times as rapidly as overall U.S. imports in the same time period.

**COUNTRIES:** Mexico accounted for 35.34 percent of all motor vehicle part imports in 2018, its market share up from 29.75 percent five years earlier. With China and Canada, the three accounted for 64.59 percent of the 2018 total.

**PORTS:** Port Laredo ranked No. 1 for motor vehicle part imports in 2018, accounting for 23.19 percent of the nation's total. Imports into Port Laredo grew the most in 2018, up \$1.72 billion. Imports via Detroit's Ambassador Bridge increased \$608.35 million. **WC**



## Top Sources for Motor Vehicle Parts

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$69,800,219,960</b>	<b>\$4,736,113,501</b>	<b>7.28%</b>
1 Mexico	\$24,665,815,847	\$1,901,539,691	8.35%
2 China	\$11,005,462,322	\$1,580,636,888	16.77%
3 Canada	\$9,411,250,274	\$666,311,758	7.62%
4 Japan	\$7,955,362,811	(\$248,750,653)	-3.03%
5 Germany	\$4,537,959,125	(\$87,237,538)	-1.89%
6 South Korea	\$4,137,993,983	\$163,390,352	4.11%
7 Taiwan	\$1,628,983,249	\$39,200,417	2.47%
8 India	\$1,202,271,102	\$209,877,026	21.15%
9 Italy	\$721,950,900	\$98,917,433	15.88%
10 Thailand	\$465,671,228	\$20,463,705	4.60%
11 United Kingdom	\$362,086,624	\$46,802,820	14.84%
12 Brazil	\$342,901,225	\$52,356,007	18.02%
13 Turkey	\$340,721,254	\$77,939,291	29.66%
14 France	\$313,247,217	\$4,339,304	1.40%
15 Czech Republic	\$253,991,719	(\$9,607,626)	-3.64%

Source: WorldCity analysis of U.S. Census Bureau data

## Top Ports for Motor Vehicle Part Imports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$69,800,219,960</b>	<b>\$4,736,113,501</b>	<b>7.28%</b>
1 Port Laredo	\$16,187,157,515	\$1,721,425,146	11.90%
2 Port of Los Angeles	\$8,821,172,266	\$511,909,533	6.16%
3 Detroit Ambassador Bridge, MI	\$8,405,151,631	\$608,350,882	7.80%
4 Port of Savannah	\$3,176,284,166	\$403,142,550	14.54%
5 Port of Long Beach	\$3,096,445,038	\$131,481,335	4.43%
6 Port of Charleston	\$3,041,862,463	(\$482,674,009)	-13.69%
7 Port Huron, MI	\$2,862,534,778	\$334,305,942	13.22%
8 Port of Tacoma, WA	\$2,689,236,430	(\$461,034,675)	-14.63%
9 Port of Newark	\$2,342,938,951	\$403,717,273	20.82%
10 El Paso Int'l Bridge, TX	\$1,933,437,600	\$237,576,324	14.01%
11 Brownsville Int'l Bridges, TX	\$1,733,654,872	\$207,054,844	13.56%
12 Eagle Pass Int'l Bridge, TX	\$1,616,764,751	(\$402,542,227)	-19.93%
13 Chicago O'Hare Int'l Airport	\$1,615,827,979	\$285,363,853	21.45%
14 Port of Virginia	\$1,560,104,012	\$170,239,431	12.25%
15 Pharr International Bridge, TX	\$1,162,048,467	\$120,837,896	11.61%

Source: WorldCity analysis of U.S. Census Bureau data

# GASOLINE, OTHER FUELS

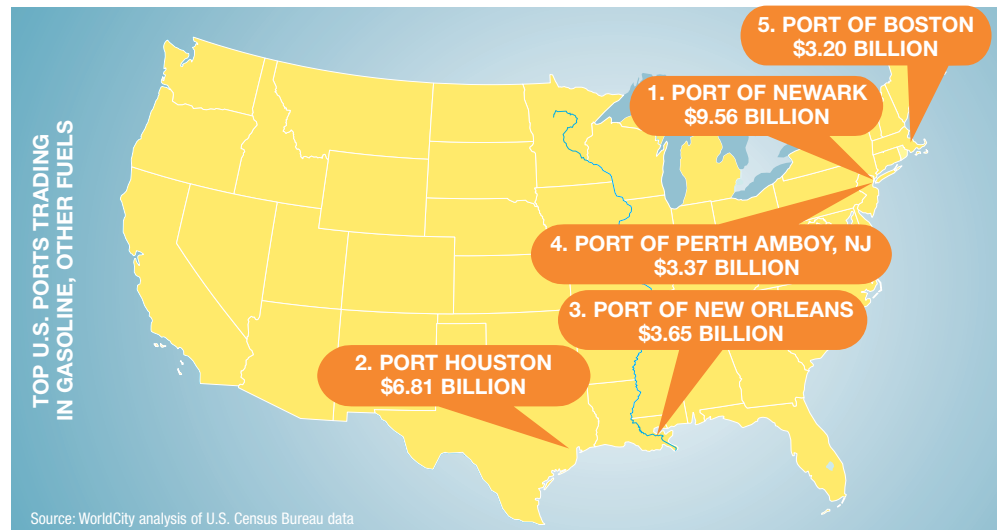
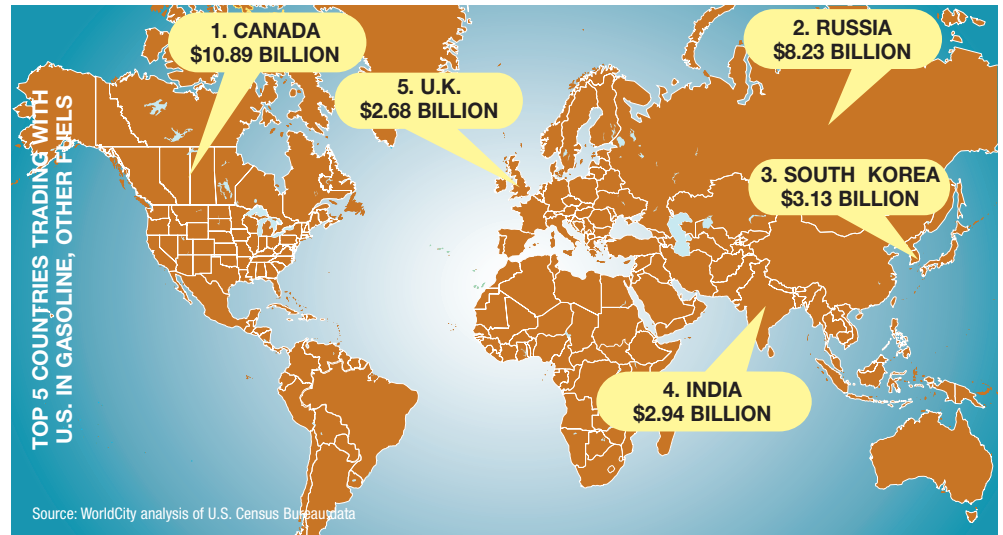
Total world trade | \$59.79 billion

## Gasoline imports jump 29% but record still far off

Gasoline and other petroleum-based fuel imports increased 29.23 percent in 2018 to a value of \$59.79 billion. Despite that big increase, the value of these imports fell far shy of the 2011 record of \$92.29 billion. In fact, gasoline imports have decreased 31.03 percent over the last five years.

**COUNTRIES:** The largest increase in imports of gasoline and related fuels in 2018 came from Russia, the second most important source. Those imports increased \$1.57 billion. Canada remained the top source.

**PORTS:** The Port of Newark ranked No. 1 for this import in 2018, accounting for 15.99 percent of the U.S. total. Imports into Newark increased \$3.35 billion in 2018. The Port of Houston was the No. 2-ranked port in 2018. **WC**



### Top Sources for Gasoline, other fuels

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>World Total</b>	<b>\$59,785,605,752</b>	<b>\$13,522,579,949</b>	<b>29.23%</b>
1	Canada	\$10,890,419,141	\$938,572,526	9.43%
2	Russia	\$8,227,972,097	\$1,568,298,328	23.55%
3	South Korea	\$3,132,908,695	\$333,486,439	11.91%
4	India	\$2,937,250,427	\$428,141,621	17.06%
5	United Kingdom	\$2,679,845,782	\$244,797,488	10.05%
6	Algeria	\$2,310,575,764	(\$37,937,670)	-1.62%
7	Belgium	\$2,141,658,014	\$669,112,823	45.44%
8	The Netherlands	\$2,123,325,292	\$668,614,323	45.96%
9	Venezuela	\$2,093,770,760	\$960,230,558	84.71%
10	Spain	\$1,743,208,547	\$505,313,899	40.82%
11	Colombia	\$1,559,539,044	\$736,652,413	89.52%
12	United Arab Emirates	\$1,387,061,854	\$1,020,313,407	278.21%
13	Mexico	\$1,330,315,472	\$86,688,565	6.97%
14	Brazil	\$1,296,870,421	\$685,563,745	112.15%
15	Norway	\$1,207,296,162	\$392,926,195	48.25%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Gasoline, other fuels Imports

RANK		VALUE	DOLLAR CHANGE	% CHANGE
	<b>All Ports</b>	<b>\$59,785,605,752</b>	<b>\$13,522,579,949</b>	<b>29.23%</b>
1	Port of Newark	\$9,557,980,872	\$3,353,133,542	54.04%
2	Port of Houston	\$6,805,770,645	\$2,082,871,241	44.10%
3	Port of New Orleans	\$3,649,516,957	\$504,910,248	16.06%
4	Port of Perth Amboy, NJ	\$3,365,370,196	\$864,847,110	34.59%
5	Port of Boston	\$3,198,022,360	\$287,840,429	9.89%
6	Port of Los Angeles	\$2,595,500,687	(\$233,941,131)	-8.27%
7	Port of Greater Baton Rouge, LA	\$2,004,194,116	\$652,223,463	48.24%
8	Port of San Juan, Puerto Rico	\$1,808,427,169	\$472,565,545	35.38%
9	Port of Corpus Christi, TX	\$1,788,698,158	\$480,405,879	36.72%
10	Port of Portland, ME	\$1,535,588,013	\$213,616,231	16.16%
11	Port of Providence, RI	\$1,349,382,857	\$50,822,925	3.91%
12	Port of Pascagoula, MS	\$1,169,685,614	\$796,689,090	213.59%
13	Port of Richmond, CA	\$1,104,051,745	\$47,076,888	4.45%
14	Christiansted Port Terminal, USVI	\$1,059,946,021	\$307,278,758	40.83%
15	Port Everglades, FL	\$1,032,218,362	\$133,517,683	14.86%

Source: WorldCity analysis of U.S. Census Bureau data



# VACCINES, PLASMA

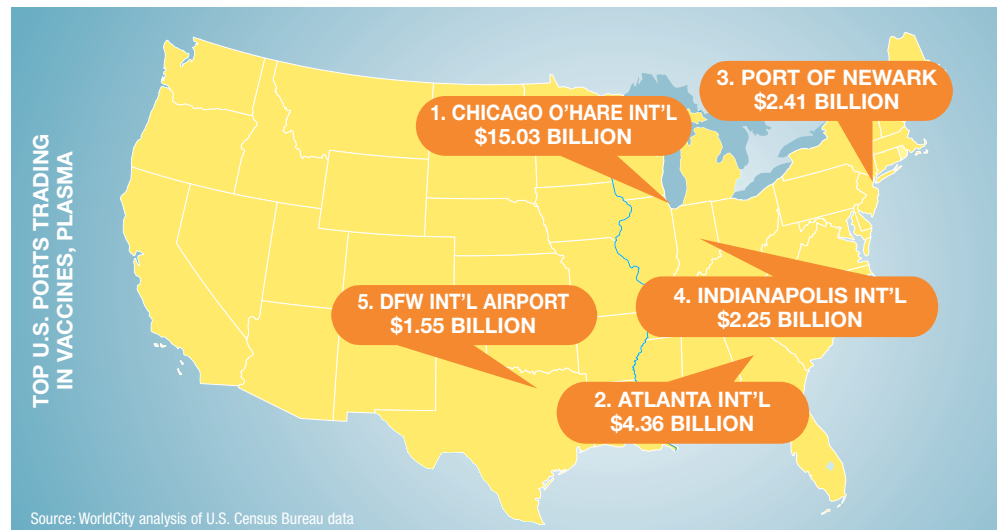
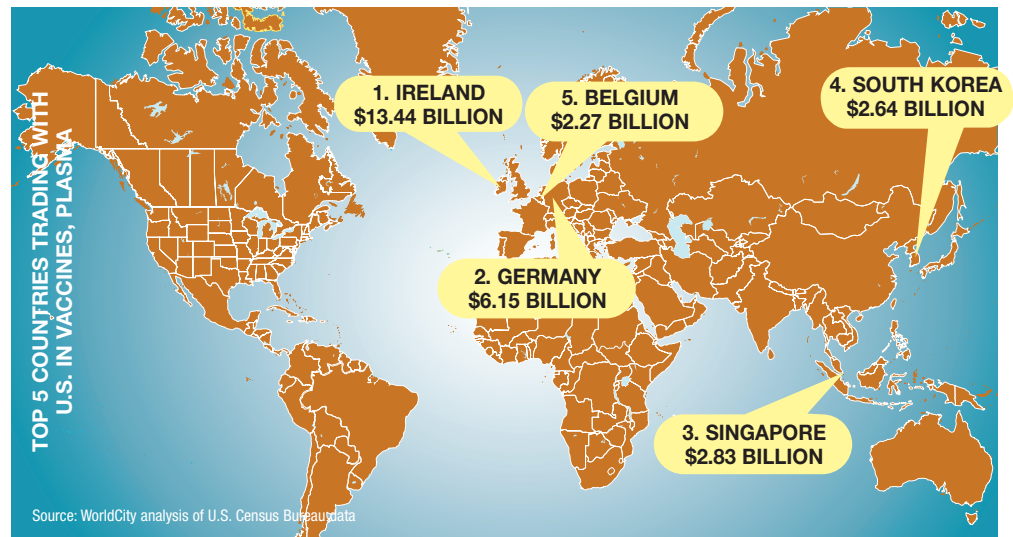
Total world trade | \$37.61 billion

## Vaccines, plasma continue to be fastest-growing

Vaccines, plasma and other blood “fractions” increased 45.24 percent in 2018 to \$37.61 billion, the fastest-growing import among the top 10 imports. The category, which includes blood “fractions” like white and red blood cells, are also the fastest-growing over the two-, three- and five-year periods. The value has increased 246.31 percent over the last five years.

**COUNTRIES:** Imports from 10 of the top 15 markets increased in the double digits with three – Singapore, South Korea and Belgium – up more than 100 percent.

**PORTS:** Chicago O’Hare International Airport ranked No. 1 for these imports in 2018, accounting for 39.96 percent of total U.S. imports. Imports into O’Hare increased \$5.69 billion in 2018, more than any other port. **WC**



### Top Sources for Vaccines, Plasma

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$37,609,561,382</b>	<b>\$11,715,191,567</b>	<b>45.24%</b>
1 Ireland	\$13,439,727,165	\$2,708,983,790	25.25%
2 Germany	\$6,148,395,725	\$2,943,827,628	91.86%
3 Singapore	\$2,833,499,618	\$1,937,706,912	216.31%
4 South Korea	\$2,638,402,423	\$1,473,788,564	126.55%
5 Belgium	\$2,268,676,507	\$1,466,944,593	182.97%
6 Switzerland	\$1,939,018,647	\$195,621,369	11.22%
7 The Netherlands	\$1,291,260,297	\$435,651,059	50.92%
8 United Kingdom	\$1,001,731,840	\$226,496,142	29.22%
9 Italy	\$935,816,798	(\$154,030,443)	-14.13%
10 Austria	\$840,188,213	(\$49,413,996)	-5.55%
11 Japan	\$793,540,783	\$239,413,979	43.21%
12 Australia	\$763,213,856	\$227,395,918	42.44%
13 Canada	\$583,415,779	(\$3,953,663)	-0.67%
14 France	\$576,606,179	\$7,645,478	1.34%
15 Spain	\$497,198,216	(\$40,102,504)	-7.46%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Vaccine, Plasma Imports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$37,609,561,382</b>	<b>\$11,715,191,567</b>	<b>45.24%</b>
1 Chicago O'Hare Int'l Airport	\$15,026,923,838	\$5,690,983,277	60.96%
2 Atlanta International Airport	\$4,359,520,852	\$343,884,969	8.56%
3 Port of Newark	\$2,412,342,209	\$2,051,755,000	569.00%
4 Indianapolis Int'l Airport, IN	\$2,248,418,830	(\$378,927,299)	-14.42%
5 DFW International Airport, TX	\$1,545,432,035	(\$586,506,628)	-27.51%
6 Philadelphia International Airport	\$1,299,867,023	\$585,558,990	81.98%
7 Anchorage Int'l Airport, AK	\$1,294,417,565	\$1,239,466,121	2,255%
8 Dulles International Airport, VA	\$1,265,225,667	\$440,131,972	53.34%
9 Los Angeles Int'l Airport	\$1,038,747,435	\$489,115,429	88.99%
10 Port of Baltimore, MD	\$986,277,140	\$721,939,879	273.11%
11 Port of New Orleans	\$821,620,855	\$492,893,901	149.94%
12 Miami International Airport	\$788,250,381	\$694,524,472	741.02%
13 San Francisco International, CA	\$758,028,363	(\$181,796,738)	-19.34%
14 JFK International Airport	\$724,345,434	\$382,013,566	111.59%
15 Huntsville Int'l Airport, AL	\$552,002,059	\$78,736,865	16.64%

Source: WorldCity analysis of U.S. Census Bureau data

# COMPUTER CHIPS

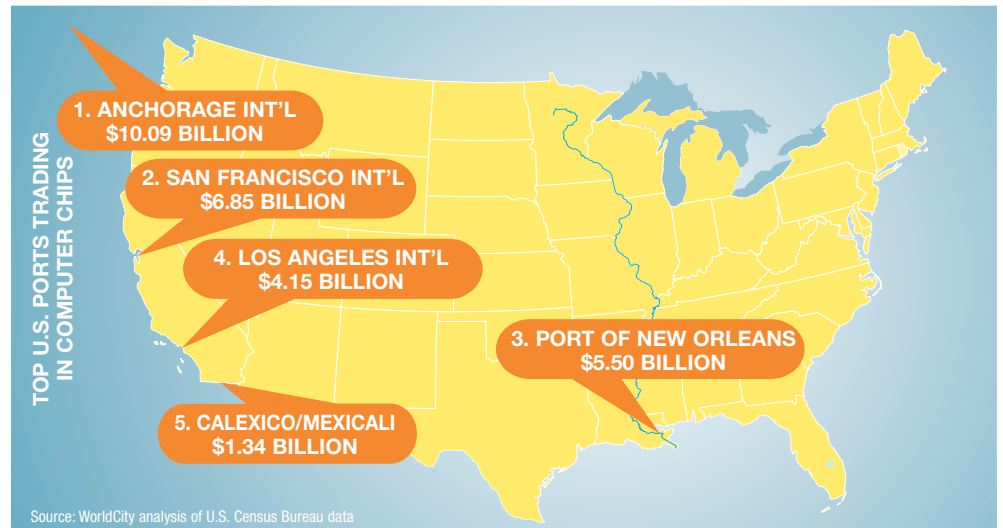
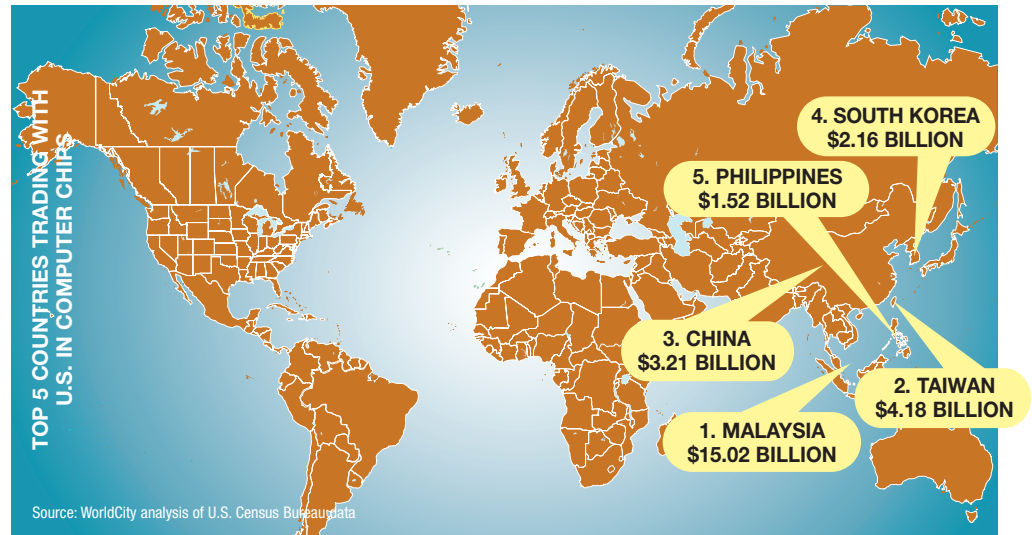
Total world trade | \$34.72 billion

## Computer chip imports continue slow rebound

Computer chip imports into the United States increased 4.04 percent in 2018 to \$34.72 billion. The record year for these imports was the year 2000, when the total was \$42.48 billion. Despite not having set a record for all that time, imports in the last five years are up 18.42 percent, recovering some lost ground. That growth rate is six times faster than the average for overall imports in that time span.

**COUNTRIES:** Malaysia, where Intel manufactures, dominates the market for U.S. imports of computer chips. In just five years, Malaysia's market share has increased from 17.35 percent to 43.27 percent.

**PORTS:** Anchorage International Airport ranked No. 1 for computer chips imports in 2018, accounting for 29.05 percent of U.S. imports. **WC**



### Top Sources for Computer Chips

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>World Total</b>	<b>\$34,720,038,691</b>	<b>\$1,347,985,409</b>	<b>4.04%</b>
1 Malaysia	\$15,024,037,651	\$2,456,032,774	19.54%
2 Taiwan	\$4,182,972,446	\$289,418,720	7.43%
3 China	\$3,210,482,118	\$476,966,035	17.45%
4 South Korea	\$2,161,012,973	\$137,393,666	6.79%
5 Philippines	\$1,518,526,943	(\$24,721,567)	-1.60%
6 Mexico	\$1,396,653,406	(\$47,457,446)	-3.29%
7 Vietnam	\$1,376,080,292	(\$787,638,630)	-36.40%
8 Japan	\$1,252,810,352	(\$46,616,719)	-3.59%
9 Ireland	\$1,065,402,724	(\$1,130,904,221)	-51.49%
10 Thailand	\$950,588,677	\$114,371,737	13.68%
11 Canada	\$809,005,535	\$71,109,049	9.64%
12 Singapore	\$570,599,893	\$82,310,518	16.86%
13 Germany	\$323,782,477	\$20,793,029	6.86%
14 France	\$227,571,395	(\$56,832,160)	-19.98%
15 Israel	\$122,796,307	(\$243,618,050)	-66.49%

Source: WorldCity analysis of U.S. Census Bureau data

### Top Ports for Computer Chip Imports

RANK	VALUE	DOLLAR CHANGE	% CHANGE
<b>All Ports</b>	<b>\$34,720,038,691</b>	<b>\$1,347,985,409</b>	<b>4.04%</b>
1 Anchorage Int'l Airport, AK	\$10,086,004,703	\$444,247,424	4.61%
2 San Francisco International, CA	\$6,852,262,717	\$77,501,066	1.14%
3 Port of New Orleans	\$5,496,332,850	\$1,507,011,847	37.78%
4 Los Angeles Int'l Airport	\$4,154,253,701	\$265,267,401	6.82%
5 Calexico/Mexicali, CA	\$1,343,658,557	(\$98,105,230)	-6.80%
6 Cleveland Hopkins Int'l Airport, OH	\$1,283,089,479	(\$312,769,632)	-19.60%
7 Seattle-Tacoma Int'l Airport	\$1,010,136,432	(\$1,080,954,807)	-51.69%
8 Chicago O'Hare Int'l Airport	\$838,280,383	\$159,248,380	23.45%
9 Highgate Springs Alburg, VT	\$725,208,321	\$45,192,860	6.65%
10 Atlanta International Airport	\$664,738,617	\$91,687,433	16.00%
11 DFW International Airport, TX	\$486,912,671	\$155,256,355	46.81%
12 JFK International Airport	\$231,127,964	\$5,779,650	2.56%
13 Miami International Airport	\$174,716,052	\$146,669,859	522.96%
14 Port of Los Angeles	\$168,790,946	\$14,898,264	9.68%
15 Port of Philadelphia	\$146,804,353	\$77,850,721	112.90%

Source: WorldCity analysis of U.S. Census Bureau data



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