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U.S. Travel and Tourism Satellite Account for 1999–2020

By Sarah Osborne

The travel and tourism industry—as measured by the real output of goods and services sold directly to visitors—decreased 48.0 percent in 2020 after increasing 1.0 percent in 2019, according to the most recent statistics from the Travel and Tourism Satellite Account (TTSA) of the U.S. Bureau of Economic Analysis (BEA).¹ By comparison, the broader economy, as measured by real gross domestic product (GDP), decreased 3.4 percent in 2020 after increasing 2.3 percent in 2019. Revised statistics on travel and tourism reflect the incorporation of the annual update of the Industry Economic Accounts, which was released on September 30, 2021.²

Highlights from the TTSA include the following:

- This is the largest contraction in real output since the TTSA began measuring these statistics in 1998.
- Travel and tourism's share of GDP fell from 2.92 percent in 2019 to a historic low of 1.71 percent in 2020. It remains larger than agriculture, mining, and utilities.
- The full economic effects of the COVID-19 pandemic cannot be quantified in the TTSA estimates for 2020 because the impacts are generally embedded in source data and cannot be separately identified.
- Real output decreased in each of 24 commodities in 2020. The largest contributors to the decrease included gasoline, domestic passenger air transportation services, food and beverage services, and traveler accommodations.
- Prices for tourism goods and services decreased 4.8 percent in 2020. The largest contributor
 to the decrease in 2020 was the price of traveler accommodations, followed by the price of
 domestic passenger air transportation services, and the price of gasoline.
- Price growth turned down from 1.4 percent in 2019 to -4.8 percent in 2020.
- The TTSA is available on the BEA website; see the box "Data Availability."

The remainder of this article includes a discussion of trends in travel and tourism output and prices, tourism value added, and employment.

Trends in Output and Prices

Real output

The leading contributors to the 48.0 percent contraction in real travel and tourism output were gasoline, which decreased 83.7 percent and contributed –8.44 percentage points to the real output decline; domestic passenger air transportation services, which decreased 46.6 percent and contributed –7.08 percentage points; food and beverage services, which decreased 49.7 percent and contributed –6.83 percentage points; and traveler accommodations, which decreased 30.0 percent and contributed –5.85 percentage points. (table A and chart 1).

Percentage points 5 -5 -10 -15 Overall annual growth -20 ■ Transportation ■ Recreation and entertainment ■ Traveler accommodations Food and beverage services Gasoline Shopping -25 2016 2017 2018 2019 2020 -48% in 2020 U.S. Bureau of Economic Analysis

Chart 1. Contributions to Annual Growth in Real Tourism Output in 2016–2020

Note. April 11, 2022: In chart 1, the overall annual growth for 2020 has been corrected from -4.80 percent to -48.0 percent since this article was originally published.

Table A. Annual Growth, Contributions to Growth, and Levels of Real Output by Tourism Commodity in 2016–2020

Commodity	Annua		h rates (change	Cont	ribution	ıs (perce	entage p	oints)	Real Output (millions of chained (2012) dollars)						
Commodity	2016	2017	receding 2018	perioa) 2019	2020	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020		
All tourism goods and	2.6	3.2	5.0	1.0	-48.0	2.6	3.2	5.0	1.0	-48.0	999,107	1,030,655	1,082,540	1,093,405	568,380		
services Traveler											,				·		
accommodations	1.9	2.4	3.5	0.0	-30.0	0.39	0.50	0.71	0.00	-5.85	180,921	185,274	191,823	191,777	134,283		
Food and beverage services	0.9	0.0	4.5	-4.0	-49.7	0.12	0.00	0.62	-0.55	-6.83	125,087	125,125	130,744	125,458	63,126		
Transportation	5.1	5.6	7.0	3.8	-54.6	2.12	2.36	3.05	1.70	-24.29	468,001	494,277	528,918	549,140	249,487		
Passenger air transportation	2.6	4.8	4.6	6.4	-47.4	0.51	0.92	0.89	1.25	-9.54	198,115	207,540	217,028	230,937	121,583		
Domestic passenger air transportation services	3.4	4.5	6.3	5.7	-46.6	0.51	0.65	0.92	0.84	-7.08	147,056	153,626	163,309	172,554	92,124		
International passenger air transportation services	0.1	5.6	-0.5	8.8	-49.6	0.01	0.27	-0.03	0.41	-2.46	51,077	53,950	53,677	58,377	29,410		
All other transportation- related commodities	7.4	6.4	9.0	1.8	-60.5	1.60	1.43	2.16	0.45	-14.75	271,521	288,771	314,723	320,417	126,447		
Passenger rail transportation services	-0.8	2.0	-2.4	12.6	-70.7	0.00	0.00	-0.01	0.03	-0.16	2,207	2,251	2,198	2,475	726		
Passenger water transportation services	-1.5	3.2	11.1	14.8	-43.9	-0.02	0.05	0.17	0.23	-0.77	14,401	14,858	16,509	18,946	10,620		
Intercity bus services	3.3	6.7	0.6	1.0	-33.5	0.00	0.01	0.00	0.00	-0.05	1,364	1,456	1,465	1,479	984		
Intercity charter bus services	-1.5	3.7	4.3	8.8	-48.9	0.00	0.01	0.01	0.02	-0.12	2,352	2,440	2,546	2,770	1,415		
Local bus and other transportation services	13.5	42.6	16.1	-2.9	-46.4	0.07	0.25	0.13	-0.03	-0.40	5,244	7,480	8,683	8,430	4,519		
Taxicab	-21.9	7.5	19.2	0.8	-63.5	-0.13	0.03	0.09	0.00	-0.34	4,043	4,348	5,184	5,224	1,908		
services Scenic and sightseeing transportation	0.2	2.4	0.3	4.7	-69.6	0.00	0.01	0.00	0.02	-0.25	3,186	3,261	3,272	3,426	1,043		
services Automotive rental and leasing	11.6	3.5	12.8	18.6	-30.1	0.35	0.11	0.40	0.61	-1.14	33,704	34,874	39,344	46,644	32,621		
Other vehicle rental and leasing	1.5	6.2	6.1	2.3	-21.0	0.00	0.00	0.00	0.00	-0.01	628	667	708	724	572		
Automotive repair services	7.7	2.3	3.5	2.4	-35.5	0.09	0.03	0.04	0.03	-0.46	11,355	11,614	12,024	12,312	7,945		
Parking Highway tolls Travel	-2.2 4.4	2.2	5.7 3.6	7.8 -8.0	-52.9 -26.0	-0.01 0.00	0.01	0.01	0.02 -0.01	-0.15 -0.02	2,272 836	2,322 856	2,454 887	2,645 816	1,245 604		
arrangement and reservation services	10.2	13.0	12.0	-9.8	-52.7	0.44	0.60	0.59	-0.51	-2.43	44,966	50,823	56,902	51,340	24,308		
Gasoline Recreation, entertainment, and	8.8	3.3	6.7 2.9	0.4 -0.6	-83.7 -49.7	0.80	0.32	0.71	0.04	-8.44 -11.05	147,409 205,217	152,260 207,879	162,470 213,929	163,059 212,604	26,636 106,988		
shopping Recreation and entertainment	2.7	2.4	1.8	-4.3	-57.8	0.28	0.25	0.18	-0.43	-5.69	89,867	92,040	93,662	89,649	37,796		
Motion pictures and performing	-0.3	-1.3	5.2	1.1	-49.5	-0.01	-0.02	0.08	0.02	-0.83	15,202	15,002	15,776	15,945	8,054		
arts Spectator sports	6.6	3.5	10.1	5.1	-22.2	0.03	0.02	0.05	0.03	-0.13	4,254	4,404	4,849	5,095	3,964		
Participant sports	6.6	7.1	11.1	0.0	-48.3	0.09	0.10	0.17	0.00	-0.80	13,543	14,510	16,114	16,118	8,325		
Gambling	2.0	1.6	1.4	-1.9	-67.8	0.11	0.08	0.07	-0.09	-3.42	49,427	50,216	50,906	49,945	16,084		
All other recreation and entertainment	3.8	4.5	-12.6	-30.3	-58.1	0.06	0.07	-0.19	-0.38	-0.51	14,269	14,916	13,043	9,088	3,808		
Shopping	-2.2	0.4	3.9	2.4	-43.2	-0.30	0.05	0.48	0.29	-5.36	130,495	130,988	136,064	139,373	79,163		

The downturn in real output was led by the downturn in domestic passenger air transportation services spending, which decreased 46.6 percent in 2020 after reaching 5.7 percent growth in 2019. Other large contributors to the downturn included gasoline, which decreased 83.7 percent in 2020 after decreasing 0.4 percent in 2019; traveler accommodations, which showed a 30.0 percent decrease in 2020 after remaining flat in 2019, and food and beverage services, which decreased 49.7 percent, a sharper decline than the 4.0 percent decline in 2019.

Prices

Travel and tourism prices decreased 4.8 percent in 2020, after 3 years of increasing prices. The price decrease was led by a 7.2 percent decrease in the price of traveler accommodations, contributing -1.67 percentage points to the overall tourism price decline. Other contributors were the prices of domestic passenger air transportation services, which fell 10.0 percent and contributed -1.58 percentage points, and the price of gasoline, which decreased 15.1 percent, and contributed -1.06 percentage points to the overall tourism price decline.

The decrease in overall tourism prices was partly offset by increases in the prices of food and beverage services; the prices of a few of the commodities within other transportation; and the prices of recreation and entertainment (table B and chart 2).

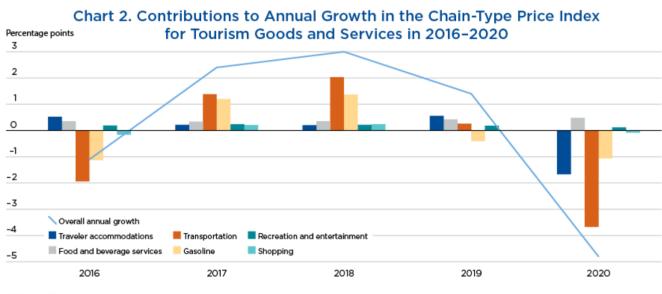


Table B. Annual Growth, Contributions to Growth, and Levels of Chain-Type Price Indexes for Tourism Commodities in 2016–2020

Commodity	Annual growth rates (percent change from preceding period)					Contr	ibution	s (perce	ntage p	oints)	Price Indexes (index number, 2012=100)					
Commounty	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020	
All tourism goods and services	-1.1	2.4	3.0	1.4	-4.8	-1.1	2.4	3.0	1.4	-4.8	97.6	99.9	102.9	104.4	99.4	
Traveler accommodations	2.6	1.1	1.0	2.9	-7.2	0.52	0.22	0.20	0.56	-1.67	111.8	113.0	114.1	117.4	108.9	
Food and beverage services	2.5	2.4	2.6	3.1	3.7	0.35	0.34	0.35	0.42	0.48	110.3	113.0	115.9	119.5	124.0	
Transportation	-4.5	3.3	4.7	0.6	-8.6	-1.94	1.38	2.03	0.26	-3.67	87.0	89.9	94.1	94.6	86.5	
Passenger air transportation	-3.5	0.5	2.5	2.6	-9.5	-0.70	0.09	0.50	0.52	-1.96	96.4	96.9	99.3	101.9	92.3	
Domestic passenger air transportation services	-3.2	0.7	1.8	3.4	-10.0	-0.49	0.10	0.27	0.51	-1.58	97.3	97.9	99.7	103.1	92.9	
International passenger air transportation services	-4.2	-0.3	4.8	0.2	-7.8	-0.21	-0.01	0.23	0.01	-0.39	94.0	93.8	98.2	98.4	90.7	
All other transportation-related commodities	-5.5	5.7	6.4	-1.0	-7.7	-1.24	1.29	1.54	-0.27	-1.71	79.6	84.2	89.6	88.6	81.9	
Passenger rail transportation services	2.2	3.3	1.6	-5.0	2.2	0.00	0.01	0.00	-0.01	0.00	100.2	103.5	105.2	100.0	102.1	
Passenger water transportation services	3.5	0.9	0.3	-0.6	-3.6	0.05	0.01	0.00	-0.01	-0.06	104.0	104.9	105.2	104.6	100.9	
Intercity bus services	3.7	8.0	0.3	-0.6	-4.3	0.01	0.00	0.00	0.00	-0.01	104.1	105.0	105.3	104.7	100.2	
Intercity charter bus services	3.6	0.9	0.3	-0.7	-3.8	0.01	0.00	0.00	0.00	-0.01	104.1	105.0	105.3	104.6	100.6	
Local bus and other transportation services	1.7	1.8	1.7	1.1	-1.8	0.01	0.01	0.01	0.01	-0.02	109.6	111.6	113.5	114.8	112.6	
Taxicab services	1.6	1.7	1.8	1.1	-1.2	0.01	0.01	0.01	0.01	-0.01	109.7	111.6	113.5	114.8	113.4	
Scenic and sightseeing transportation services	2.4	2.6	2.4	2.3	1.5	0.01	0.01	0.01	0.01	0.00	107.8	110.6	113.2	115.8	117.6	
Automotive rental and leasing	-7.5	0.4	2.2	-0.5	-6.1	-0.24	0.01	0.07	-0.02	-0.27	91.6	91.9	94.0	93.5	87.8	
Other vehicle rental and leasing	2.6	-2.3	-0.9	0.6	0.8	0.00	0.00	0.00	0.00	0.00	105.7	103.2	102.3	102.9	103.7	
Automotive repair services	1.6	1.8	1.9	3.3	3.5	0.02	0.02	0.02	0.04	0.05	106.5	108.5	110.5	114.2	118.1	
Parking	2.8	2.4	2.3	2.8	0.8	0.01	0.01	0.01	0.01	0.00	111.8	114.6	117.2	120.5	121.4	
Highway tolls Travel arrangement	2.7	2.5	2.3	2.8	0.7	0.00	0.00	0.00	0.00	0.00	111.8	114.6	117.3	120.5	121.3	
and reservation services	-0.1	-0.2	0.5	2.1	-7.4	0.00	-0.01	0.03	0.10	-0.33	101.5	101.3	101.9	104.0	96.3	
Gasoline	-11.4	13.1	13.5	-3.6	-15.1	-1.13	1.20	1.37	-0.40	-1.06	60.3	68.2	77.3	74.6	63.3	
Recreation, entertainment, and shopping	0.1	1.9	2.0	0.8	0.2	0.02	0.44	0.46	0.17	0.04	100.1	102.0	104.1	104.9	105.1	
Recreation and entertainment	1.8	2.3	2.2	1.9	1.4	0.19	0.24	0.22	0.18	0.12	105.9	108.3	110.6	112.7	114.2	
Motion pictures and performing arts	3.6	2.6	2.1	1.8	1.4	0.06	0.04	0.03	0.03	0.02	109.0	111.8	114.2	116.3	117.9	
Spectator sports	3.3	2.2	1.8	2.1	3.0	0.02	0.01	0.01	0.01	0.02	117.0	119.6	121.7	124.2	127.9	
Participant sports Gambling	1.6 1.3	2.3 2.1	2.9 2.4	2.6 1.8	1.4 1.4	0.02	0.04 0.11	0.04 0.12	0.04	0.02 0.05	105.4 104.5	107.8 106.8	110.9 109.4	113.8 111.4	115.4 112.9	
All other recreation and entertainment	1.6	2.1	0.6	1.0	-0.2	0.07	0.11	0.12	0.09	0.05	104.5	106.8	109.4	108.2	108.0	
Shopping	-1.3	1.6	1.9	-0.1	-0.7	-0.16	0.21	0.24	-0.01	-0.08	95.9	97.5	99.3	99.2	98.6	

The downturn in the overall tourism price was led by the downturn in the price of traveler accommodations, a 7.2 percent decrease following a 2.9 percent increase in 2019, and the price of domestic passenger air transportation services, which decreased 10.0 percent after increasing 3.4 percent in 2019.

Total output

Total tourism-related nominal output fell to \$978.4 billion in 2020 from \$1.96 trillion in 2019. In 2020, total output consisted of \$564.8 billion in direct tourism output and \$413.6 billion in indirect tourism output. The 1.73 ratio of total output to direct output in 2020 means that every dollar of direct tourism output requires an additional 73 cents of indirect tourism output (chart 3).

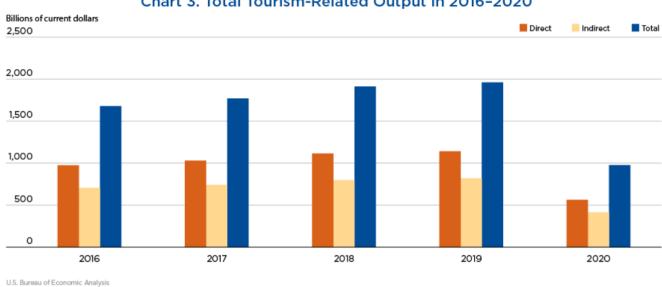


Chart 3. Total Tourism-Related Output in 2016-2020

Direct tourism output includes goods and services sold directly to visitors, such as passenger air travel. Indirect tourism output includes sales of all goods and services used to produce that direct output, such as jet fuel to fly the plane and catering services for longer flights.

Tourism Value Added and Employment

Value added

A sector's value added measures its contribution to gross domestic product. In 2019, the travel and tourism industry's share of GDP decreased to 1.7 percent from 2.9 percent (table C). While this indicates that travel and tourism industries are contracting disproportionately to non-travel and tourism industries, travel and tourism continued to account for a larger share of GDP than several industries, including utilities, mining, and agriculture.

Table C. Travel and Tourism as a Share of Gross Domestic Product in 2013-2020

Year	Billions of doll	Percent					
Icai	Gross domestic product (GDP)	Tourism value added	Tourism value added as a share of GDP				
2013	16,843	475	2.82				
2014	17,551	489	2.79				
2015	18,206	525	2.89				
2016	18,695	540	2.89				
2017	19,480	567	2.91				
2018	20,527	602	2.93				
2019	21,373	625	2.92				
2020	20,894	357	1.71				

Direct employment

Direct tourism employment refers to jobs that are directly related to visitor spending on goods and services. Airline pilots, hotel clerks, and travel agents are examples of such employees. Overall, direct employment decreased 36.0 percent in 2020, after decreasing 0.5 percent in 2019. The largest contributors to the decrease were food services and drinking places, which lost 822,000 jobs in 2020; traveler accommodations, which lost 482,000 jobs; gasoline, which lost 152,000 jobs; and participant sports and air transportation services, which lost 137,000 and 133,000 jobs respectively (chart 4 and table D).

Chart 4. Contributions to Annual Growth in Direct Tourism Employment in 2016-2020

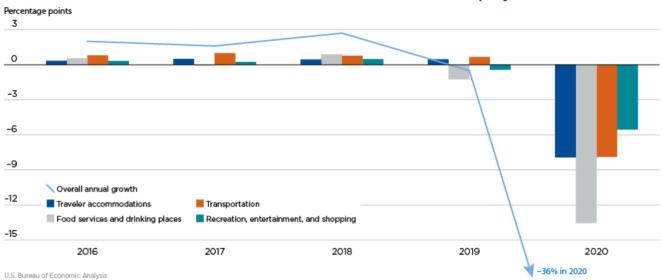


Table D. Annual Growth, Contributions to Growth, and Levels of Direct Employment by Tourism Industry in 2016–2020

Note 10	Commodity	Annua	l growth	ı rates (percent change		Contributions (perce			entage p	oints)	Direct employment (thousands)				
All four-frame industries 2,0	Commodity	2016				2020	2016	2017	2018	2019	2020	2016	2017	2018	2019	2020
Traveler accommodations 1.3 2.0 1.8 1.8 3.08 0.34 0.50 0.45 0.45 0.45 0.45 0.45 0.15 151 153 156 155 1	All tourism industries															
Vacation flome Remtals -0.6 25 -1.2 0.9 -4.3 0.00 0.01 0.00 0.00 0.01 15 16 15 16 15 15 16 15 15			_				_	_								
places	Vacation Home Rentals															
Places Transportation services 1.9 6.1 2.7 3.9 -215 0.18 0.57 0.60 0.78 0.60 -7.88 1332 1390 1436 1476 998 Alt transportation services 1.9 6.1 2.7 3.9 -215 0.18 0.57 0.26 0.38 -2.19 545 579 594 618 4884 All other transportation related industries Rail transportation services Rail transportation 2.2 -1.4 6.1 13.5 -3.66 0.01 -0.01 0.00 -0.01 0.00 -0.08 10 9 9 9 9 9 5 13 Water transportation 2.2 -1.4 6.1 13.5 -3.66 0.01 -0.01 0.00 -0.01 0.00 -0.08 11 18 18 18 13 Intervalvan charter bus transportation 3.0 -1.8 3.1 -1.0 0.8 -2.7 0-0.1 0.01 0.00 0.00 -0.08 11 18 18 18 13 Intervalvan charter bus transportation 4.0 -1.8 0.2 0.2 0.2 0.0 0.0 0.01 0.00 0.00 0.0 0.0 0.0 0.0	Food services and drinking	1.0	0.2	2.0	12	402	0.55	0.00	0.00	1 24	12 54	1720	1724	1776	1701	070
Air transportation services Algorithm of the Company of the Compan	places	1.9	-0.5													
All other transportation-related industries Rail transportation services Water transportation services Water transportation services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Water transportation Services Service Services Services Service Services Service Services Service Services Services Service Services Service Services Service Service Service Services Service Service Service Services Service Service Services Service Service Service Services Service	Transportation		4.4													
Rall transportation 2-9 2-4 3-8 2-1 3-1 3-5 3-6 3-1 3-1 3-5 3-6 3-1 3-1 3-5 3-6 3-1	•	1.9	6.1	2.7	3.9	-21.5	0.18	0.57	0.26	0.38	-2.19	545	579	594	618	484
Services -2.9 -2.4 -3.6 2.1 -3.19 -0.01 0.00 -0.01 0.00 -0.08 10 9 9 9 9 9 9 9 9 9	-	4.7	3.1	3.7	2.0	-40.2	0.62	0.42	0.51	0.28	-5.69	787	812	842	859	513
Services 2.2 -1.4 0.1 15.3 -30.6 0.01 -0.01 0.04 0.09 -0.25 37 36 38 44 28		-2.9	-2.4	-3.8	2.1	-51.9	-0.01	0.00	-0.01	0.00	-0.08	10	9	9	9	4
transportation		2.2	-1.4	6.1	13.5	-36.6	0.01	-0.01	0.04	0.09	-0.26	37	36	38	44	28
Transportation 1.8 -0.5 -3.4 -4.2.3 0.00 0.01 0.00 -0.01 -0.01 0.01 -0.01 19 10 11		-2.8	3.1	-1.0	0.8	-27.0	-0.01	0.01	0.00	0.00	-0.08	18	18	18	18	13
Taxis service		-0.6	1.8	-0.5	-3.4	-42.3	0.00	0.01	0.00	-0.01	-0.13	19	20	20	19	11
Scenic and sightseeing transportation services 3.6 1.6 1.5 2.6 -45.7 0.02 0.01 0.01 0.01 -0.25 31 31 32 33 18														78		
Automotive equipment rental and leasing Automotive repair services Parking lots and garages Parking lot garages Parking lot		-10.0	-10.6	-8.5	7.6	-55.4	-0.01	-0.01	-0.01	0.01	-0.06	8	7	6	7	3
Pertal and leasing		3.6	1.6	1.5	2.6	-45.7	0.02	0.01	0.01	0.01	-0.25	31	31	32	33	18
Services S.0 C.2 O.4 C.1 C.2 O.4 C.5 C.5 C.5 O.5 C.5	rental and leasing	1.8	3.1	10.7	13.0	-19.1	0.03	0.05	0.18	0.24	-0.40	99	102	113	128	103
Toll highways Tavel arrangement and reservation services and reservation services and performing arts Spectator sports Spectator sports All other recreation and entertainment Shopping All other recreation and entertainment Shopping -0.2 All other recreation and entertainment All other recreation and entertainment Shopping -0.2 All other recreation and entertainment All other recreation and entertainment Shopping -0.1 -0.2 -0.3 -0.7 -0.6 -0.6 -0.6 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.6 -0.7 -0.7 -0.8	services	5.0	-2.2		-1.6			-0.03				76	75			
Travel arrangement and reservation services Retail trade services and performing arts Spectation sports S	Parking lots and garages	-0.4							0.00							
reservation services Petroleum refineries Gasoline service stations Recreation, entertainment, and shopping Recreation and entertainment 4.8 4.1 4.8 -5.4 -48.6 0.42 0.37 0.45 -0.51 -4.38 531 553 579 548 282 Motion pictures and performing arts Spectator sports Spectator sports Spectator sports Spectations Spectation		5.8	2.5	13.4	-8.2	-35.4	0.00	0.00	0.01	-0.01	-0.03	5	5	5	5	3
Gasoline service stations 5.8 4.0 5.8 1.9 -76.5 0.17 0.12 0.18 0.06 -2.50 177 184 194 198 47 Recreation, entertainment, and shopping Recreation and entertainment 4.8 4.1 4.8 -5.4 -48.6 0.42 0.37 0.45 -0.51 -4.38 531 553 579 548 282 Motion pictures and performing arts 2.6 -2.7 -4.5 -10.5 -11.6 0.02 -0.02 -0.04 -0.08 -0.08 52 50 48 43 38 Spectator sports 5.5 2.5 6.8 0.7 -19.4 0.04 0.02 0.05 0.00 -0.14 40 41 43 44 35 Participant sports 8.7 7.3 11.5 0.3 -47.1 0.34 0.30 0.50 0.01 -2.26 243 260 290 291 154 All other recreation and entertainment 2.5 -0.5 -12.0 -19.7 -74.8 0.03 -0.01 -0.14 -0.20 -0.62 71 71 62 50 13 Shopping -1.1 -1.5 0.4 1.1 -13.6 -0.10 -0.13 0.04 0.09 -1.17 520 513 515 520 449 Industries producing nondurable PCE commodities, excluding pasoline -1.0 -1.4 0.2 0.5 -16.2 -0.07 -0.09 0.01 0.03 -1.02 386 381 382 383 321 Service stations -0.4 -0.5 2.5 0.1 -25.9 -0.01 -0.02 0.04 -0.06 -0.29 239 238 244 244 181 All other industries -0.4 -0.5 -1.3 2.8 -4.6 -22.6 -0.01 -0.02 0.04 -0.06 -0.29 80 79 81 77 60 Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 159 163 167 121	reservation services															
Recreation, entertainment, and shopping Recreation and entertainment As a substitute of the producing nondurable PCE commodities, excluding pertorleum refineries Recreation, entertainment, and shopping 1.8												-	-	-		
Shopping 1.8 1.3 2.7 -2.4 -31.5 0.32 0.24 0.48 -0.43 -0.43 -0.55 1052 1066 1094 1068 731		5.8	4.0	5.8	1.9	-76.5	0.17	0.12	0.18	0.06	-2.50	177	184	194	198	47
entertainment 4.8 4.1 4.8 -5.4 -48.6 0.42 0.37 0.45 -0.31 -4.88 531 533 579 548 262	shopping	1.8	1.3	2.7	-2.4	-31.5	0.32	0.24	0.48	-0.43	-5.55	1052	1066	1094	1068	731
performing arts Spectator sports Speciator sports Speciat	entertainment	4.8	4.1	4.8	-5.4	-48.6	0.42	0.37	0.45	-0.51	-4.38	531	553	579	548	282
Participant sports 8.7 7.3 11.5 0.3 -47.1 0.34 0.30 0.50 0.01 -2.26 243 260 290 291 154 Gambling -0.2 3.7 3.4 -11.3 -65.0 0.00 0.08 0.08 -0.25 -1.29 126 131 136 120 42 All other recreation and entertainment 2.5 -0.5 -12.0 -19.7 -74.8 0.03 -0.01 -0.14 -0.20 -0.62 71 71 62 50 13 Shopping -1.1 -1.5 0.4 1.1 -13.6 -0.10 -0.13 0.04 0.09 -1.17 520 513 515 520 449 Industries producing nondurable PCE commodities, excluding petroleum refineries Retail trade services, excluding gasoline service stations All other industries -0.4 -0.5 2.5 0.1 -25.9 -0.01 -0.02 0.04 -0.06 -0.29 239 238 244 244 181 All other industries, excluding Wholesale trade and transportation services Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 159 163 167 121	performing arts															
Gambling -0.2 3.7 3.4 -11.3 -65.0 0.00 0.08 0.08 -0.25 -1.29 126 131 136 120 42 All other recreation and entertainment 2.5 -0.5 -12.0 -19.7 -74.8 0.03 -0.01 -0.14 -0.20 -0.62 71 71 62 50 13 Shopping -1.1 -1.5 0.4 1.1 -13.6 -0.10 -0.13 0.04 0.09 -1.17 520 513 515 520 449 Industries producing nondurable PCE commodities, excluding petroleum refineries Retail trade services, excluding gasoline service stations All other industries, excluding Wholesale trade and transportation services Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 159 163 167 121		0.0							0.00							
All other recreation and entertainment 2.5		_										_				
Shopping	All other recreation and											_				
Industries producing nondurable PCE commodities, excluding petroleum refineries Retail trade services, excluding gasoline service stations All other industries Wholesale trade and transportation services Wholesale trade and -0.3 -0.1 -2.3 -2.4 -27.5 -0.01 -0.00 -0.06 -0.07 -0.76 -0.75 -0.75 -0.75 -0.75 -0.75 -0.75 -0.01 -0.00 -0.06 -0.07 -0.76 -0.75		-1.1	-1.5	0.4	1.1	-13.6	-0.10	-0.13	0.04	0.09	-1.17	520	513	515	520	449
commodities, excluding petroleum refineries Retail trade services, excluding gasoline -1.0 -1.4 0.2 0.5 -16.2 -0.07 -0.09 0.01 0.03 -1.02 386 381 382 383 321 service stations All other industries All other industries, excluding Wholesale trade and Wholesale trade and Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 163 167 121	Industries producing nondurable PCE															
excluding gasoline service stations -1.0 -1.4 0.2 0.5 -16.2 -0.07 -0.09 0.01 0.03 -1.02 386 381 382 383 321 All other industries, excluding Wholesale trade and transportation services -0.4 -0.5 2.5 0.1 -25.9 -0.01 -0.02 0.04 -0.06 -0.29 239 238 244 244 181 All other industries, excluding Wholesale trade and transportation services -0.5 -1.3 2.8 -4.6 -22.6 -0.01 -0.02 0.04 -0.06 -0.29 80 79 81 77 60 Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 163 167 121	petroleum refineries	1.5	1.,	1.2	2.0	0.1	0.03	0.01	0.05	0.00	0.15	131	132	155	157	120
All other industries -0.4 -0.5 2.5 0.1 -25.9 -0.01 -0.02 0.04 -0.06 -0.29 239 238 244 244 181 All other industries, excluding Wholesale trade and transportation services Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 159 163 167 121	excluding gasoline	-1.0	-1.4	0.2	0.5	-16.2	-0.07	-0.09	0.01	0.03	-1.02	386	381	382	383	321
Wholesale trade and transportation services Wholesale trade and -0.5 -1.3 2.8 -4.6 -22.6 -0.01 -0.02 0.04 -0.06 -0.29 80 79 81 77 60 60 60 60 60 60 60		-0.4	-0.5	2.5	0.1	-25.9	-0.01	-0.02	0.04	-0.06	-0.29	239	238	244	244	181
Wholesale trade and -0.3 -0.1 2.3 2.4 -27.5 -0.01 0.00 0.06 0.07 -0.76 159 159 163 167 121	Wholesale trade and	-0.5	-1.3	2.8	-4.6	-22.6	-0.01	-0.02	0.04	-0.06	-0.29	80	79	81	77	60
		-0.3	-0.1	2.3	2.4	-27.5	-0.01	0.00	0.06	0.07	-0.76	159	159	163	167	121

Total employment

U.S. Bureau of Economic Analysis

Total tourism-related employment (the sum of direct and indirect jobs) decreased to 6.3 million jobs in 2020 from 9.5 million jobs in 2019. The 6.3 million jobs consisted of 3.9 million direct tourism jobs and 2.4 million indirect tourism jobs (chart 5). While direct tourism employment includes jobs that produce direct tourism output, such as airline pilots, indirect tourism employment is generated by the businesses that supply goods and services to the tourism sector, such as refinery workers producing jet fuel. The most recent data indicate that for every 100 jobs supported directly by the travel and tourism industry, an additional 61 indirect tourism jobs are also required.

Thousands of dollars
10,000

Direct Indirect Total

8,000

4,000

2,000

2016

2017

2018

2019

2020

Chart 5. Total Tourism-Related Employment in 2016-2020

Data Availability

The complete set of detailed annual statistics for 1998 through 2020 are available on BEA's website.

Key Terms

The following key terms are used to describe the Travel and Tourism Satellite Account:

- **Domestic tourism.** Travel-related expenditures by U.S. residents traveling within the United States. It comprises travel by resident households, business travel, and travel by government employees.
- **Inbound tourism.** Travel-related expenditures by nonresidents traveling within the United States and expenditures by nonresidents on international transportation purchased from U.S. providers. These expenditures exclude expenditures for travel to study in the United States and for medical reasons. ¹
- **Tourism commodities.** Goods and services that are typically purchased by visitors, such as airline passenger transportation, hotel accommodations, and meals.²
- Tourism employment. Total tourism-related employment consists of direct tourism employment plus indirect tourism employment. Direct tourism employment comprises all jobs where the workers are engaged in the production of direct tourism output (for example, hotel staff and airline pilots), and indirect tourism employment comprises all jobs where the workers are engaged in the production of indirect tourism output (for example, workers producing hotel toiletries and delivering fuel to airlines).
- **Tourism output.** Total tourism-related output consists of direct tourism output and indirect tourism output. Direct tourism output comprises all domestically produced goods and services purchased by travelers (for example, traveler accommodations and passenger air transportation), and indirect tourism output comprises all output required to support the production of direct tourism output (for example, toiletries for hotel guests and fuel for airplanes).
- **Visitor.** A person who travels outside of his or her usual environment (more than 50–100 miles from the area of normal, everyday activities) for less than a year or who stays overnight in a hotel or motel. The visitor may travel for pleasure or business (private sector or government). Visitors exclude travelers who expect to be compensated at the location of their visit (such as migrant workers, persons traveling to new assignments, and diplomatic and military personnel traveling to and from their duty stations and their home countries).
- 1. In the travel and tourism satellite account, inbound and outbound visitors are not differentiated by type of visitor, because the data to prepare these estimates are not available.
- 2. The classification of tourism commodities in the Travel and Tourism Satellite Account is based on a list of primary activities of visitors that was developed from recommendations by the World Tourism Organization, by the Organisation for Economic Co-operation and Development, and from various surveys of U.S. visitors.
- 3. The distance criterion differs by source data. The Consumer Expenditures Survey (Bureau of Labor Statistics) uses 75 miles from home; surveys by the U.S. Travel Association and surveys by D.K. Shifflet and Associates, use 50 miles from home.

^{1.} All measures of travel and tourism activity not identified as being in "real," inflation-adjusted terms are current-dollar estimates.

^{2.} For more information see "The 2021 Annual Update of the Industry Economic Accounts: Revised Statistics for 1999–2020 and the First Quarter of 2021," *Survey of Current Business* 101 (October 2021).

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