

## Waterborne Cargo in Millions of Short Tons

Metropolitan Regions	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Atlanta, GA											
Austin-San Marcos, TX											
Baltimore, MD	39.5	37.7	37.7	37.2	41.5	44.7	43.6	40.0	40.1	37.3	
Boston, MA-NH NECMA	45.1	40.2	39.7	40.7	39.2	35.8	38.6	41.4	43.1	43.3	
Denver-Boulder, CO											
Houston, TX	126.2	131.5	137.7	141.5	143.7	135.2	148.2	165.5	169.1	158.8	
Miami-Ft Lauderdale, FL	18.4	19.2	21.0	23.0	24.7	24.9	24.6	26.5	29.2	29.8	
Minneapolis-St.Paul, MN	10.1	7.6	8.9	5.7	6.1	6.1	6.3	6.5	6.7	7.0	
Norfolk-Va Beach VA	188.9	204.1	186.6	149.9	144.4	172.1	181.5	163.2	159.8	131.7	
Orange, CA											
Phoenix-Mesa, AZ											
Pittsburgh, PA	35.5	31.3	34.3	44.5	49.1	48.9	50.9	51.7	52.9	52.9	
Portland-Salem, OR-WA	62.4	60.8	61.9	62.6	62.1	71.2	65.0	65.8	61.8	63.7	
Raleigh-Durham, NC											
Sacramento, CA	1.6	1.3	1.2	1.1	1.6	1.2	1.3	1.2	0.9	0.9	
San Diego, CA	1.3	0.9	0.6	1.3	1.2	1.4	1.8	1.7	1.9	2.7	
San Francisco, CA	2.8	3.4	4.0	4.2	2.6	2.1	3.0	2.3	2.2	2.7	
San Jose, CA											
Seattle-Tacoma, WA	50.8	46.8	48.7	46.0	45.7	53.7	50.9	52.9	44.7	51.7	
Tampa-St. Pete., FL	51.6	49.5	46.4	45.0	51.9	51.9	49.3	55.3	53.2	51.5	
Washington, DC	0.4	0.3	0.6	0.7	0.7	0.9	0.7	0.7	0.6	0.8	
California	176.2	175.5	179.1	183.6	183.4	179.4	181.2	171.8	170.2	171.8	
United States	2,163.9	2,092.1	2,132.1	2,128.2	2,214.8	2,240.4	2,284.1	2,333.1	2,339.5	2,322.6	
<b>Source:</b>	US Army Corps of Engineers										
<b>Notes:</b>	Boston data includes the harbors in Boston, Cape Cod, New Bedford and Salem, MA and Portsmouth, NH. Miami data includes the harbors in Miami and Port Everglades. Minneapolis data includes the harbors in Minneapolis, MN and St. Paul, MN. Norfolk data includes the harbors in Norfolk, Virginia Beach, Newport News and Hampton Roads, VA. Portland data include the harbors in Portland, the Multanoma Channel and Oregon Slough, OR and Vancouver, WA. San Francisco data include the harbors in Redwood city and San Francisco, CA. Seattle data include the harbors in Everett, Olympia, Seattle and Tacoma, WA.										
	One short ton = 2,000 pounds										

## Railroad Cargo in Millions of Short Tons

Metropolitan Regions	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Atlanta, GA	35.1	33.3	34.2	33.8	35.5	33.9	36.7	37.2	38.3	40.5	
Austin-San Marcos, TX	5.0	5.1	5.8	5.5	5.2	3.8	3.6	3.1	2.5	2.4	
Baltimore, MD	26.7	27.4	26.4	23.5	25.3	29.1	28.3	24.1	22.5	21.0	
Boston, MA-NH NECMA	9.6	8.9	9.7	10.6	10.8	10.9	11.0	11.4	11.4	12.5	
Denver-Boulder, CO	14.9	14.8	16.6	16.7	17.1	16.7	16.5	18.1	17.0	17.7	
Houston, TX	56.6	58.7	61.4	61.8	60.8	60.9	63.8	59.6	65.6	71.8	
Miami-Ft Lauderdale, FL	1.9	1.6	1.7	2.0	2.4	2.5	2.5	2.6	2.7	2.2	
Minneapolis-St.Paul, MN	44.6	40.9	40.1	41.2	45.5	52.2	46.1	55.5	58.8	56.5	
Norfolk-Va Beach VA	62.9	36.2	69.2	53.3	52.8	61.9	65.8	63.7	57.2	44.6	
Orange, CA	*	*	*	*	*	*	*	*	*	*	
Phoenix-Mesa, AZ	6.6	6.2	6.7	7.1	7.6	8.6	8.3	9.0	8.7	9.1	
Pittsburgh, PA	27.0	22.9	24.1	27.3	26.2	27.3	31.8	29.5	31.8	32.2	
Portland-Salem, OR-WA	20.8	19.9	22.0	22.6	23.6	23.9	23.1	22.9	23.4	24.6	
Raleigh-Durham, NC	3.2	2.8	3.4	3.3	3.4	3.4	3.9	3.5	3.9	3.9	
Sacramento, CA	2.7	2.2	2.8	3.0	3.1	2.7	2.9	3.0	3.5	2.9	
San Diego, CA	*	1.0	1.2	1.4	1.4	1.8	2.0	2.1	1.9	2.3	
San Francisco, CA	1.1	*	*	*	1.1	1.1	*	1.2	1.4	1.7	
San Jose, CA	2.1	1.9	2.0	2.0	1.9	1.8	1.7	1.5	1.7	1.8	
Seattle-Tacoma, WA	22.7	22.7	22.2	22.1	22.7	27.7	26.5	28.6	26.4	28.4	
Tampa-St. Pete., FL	33.0	33.0	33.6	32.2	35.0	35.9	32.4	28.8	29.6	29.1	
Washington, DC	14.6	12.7	12.4	11.0	11.2	12.2	14.7	14.1	14.0	13.9	
California	96.8	95.8	103.0	103.7	110.4	118.1	121.4	120.2	123.1	131.7	
United States	1,671.5	1,580.4	1,682.6	1,690.8	1,809.2	1,886.9	1,923.0	1,931.7	2,021.4	2,026.2	
<b>Source:</b>	Surface Transportation Board, Department of Transportation, Office of Economics, Environmental Analysis, and Administration, unpublished data.										
<b>Notes:</b>	* = Tonnage less than one million tons. One short ton = 2,000 pounds										

## Airborne Cargo in Thousands of Metric Tonnes

Metropolitan Regions	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Atlanta, GA	610.5	599.7	649.3	729.0	805.6	771.4	800.2	864.9	907.2	883.1	894.5
Austin-San Marcos, TX	35.5	31.7	43.6	58.2	69.8	86.1	101.3	90.2	107.5	123.0	162.1
Baltimore, MD	151.0	148.5	284.8	138.6	145.0	137.1	168.3	199.9	235.5	225.2	236.0
Boston, MA-NH NECMA	364.3	347.7	371.5	379.6	417.6	394.5	405.6	441.8	440.2	447.9	474.9
Denver-Boulder, CO	280.1	292.3	327.3	365.1	381.2	376.2	389.9	437.2	447.3	467.6	471.5
Houston, TX	223.0	230.3	238.9	252.0	283.7	296.5	310.3	328.3	355.0	358.9	368.5
Miami-Ft Lauderdale, FL	1,045.4	1,049.9	1,117.7	1,298.5	1,466.5	1,736.0	1,866.4	1,935.0	1,981.0	1,878.5	1,879.4
Minneapolis-St.Paul, MN	266.4	268.1	301.6	320.8	377.5	364.9	361.4	379.1	365.4	366.5	369.9
Norfolk-Va Beach VA	24.8	21.3	20.3	23.1	26.6	25.7	26.8	28.6	31.5	31.6	28.9
Orange, CA	-	2.5	2.9	4.1	6.1	16.2	19.8	20.1	17.8	16.5	15.6
Phoenix-Mesa, AZ	114.2	118.8	161.5	184.7	233.5	260.0	283.7	314.9	332.7	331.5	339.4
Pittsburgh, PA	128.1	126.2	143.3	146.0	150.2	151.8	156.6	163.9	157.3	146.8	147.0
Portland-Salem, OR-WA	148.1	160.1	182.6	198.6	226.2	263.8	265.1	284.2	291.9	311.5	282.0
Raleigh-Durham, NC	67.9	77.2	79.0	83.7	99.6	98.3	98.7	90.3	100.8	110.0	118.1
Sacramento, CA	29.5	31.0	35.5	45.0	52.8	68.6	65.4	76.0	71.2	60.6	61.5
San Diego, CA	61.8	55.8	62.9	71.5	86.3	88.7	93.0	112.9	118.1	127.6	139.3
San Francisco, CA	566.1	606.0	602.7	613.3	687.5	696.2	711.9	780.0	771.9	842.2	869.8
San Jose, CA	83.2	77.2	62.7	73.7	86.1	92.4	91.8	111.3	120.9	130.1	147.9
Seattle-Tacoma, WA	313.5	326.6	361.6	381.6	415.1	408.2	388.2	393.8	428.3	449.4	456.0
Tampa-St. Pete., FL	88.2	88.3	95.6	100.5	108.2	113.7	123.4	125.4	116.4	110.6	103.0
Washington, DC	236.1	223.4	258.4	297.7	334.8	343.7	360.3	398.5	397.9	395.3	421.6
California	2.1	2.2	2.4	2.5	3.0	3.1	3.3	3.7	3.7	3.9	4.1
United States	15.1	15.1	18.1	21.3	24.1	24.3	26.5	28.5	29.4	30.7	32.0
<b>Source:</b>	Airports Council International - North America										
<b>Notes:</b>	For 1991 and 1993, the US totals are based on the sum of the data published by ACI. California totals are based on the sum of cargo traffic at the following airports: Los Angeles, Mather, Oakland, Orange, Sacramento, San Diego, San Francisco, San Jose and Santa Barbara.										
	For all metro areas, the 1993 data are derived by applying the rate of change to an adjacent year data.										
	Washington DC includes National airport and Dulles airport; Miami-Fort Lauderdale includes Miami airport and Fort Lauderdale Airport.										
	One metric tonne = 2,200 pounds										





## Waterborne, Railroad and Airborne Cargo Tonnage Per Capita

Metropolitan Regions	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Atlanta, GA	12.0	11.1	11.1	10.7	10.9	10.1	10.7	10.5	10.5	10.8	
Austin-San Marcos, TX	5.9	5.9	6.5	6.0	5.5	3.9	3.6	3.0	2.4	2.2	
Baltimore, MD	27.8	27.1	26.5	24.9	27.3	30.0	29.2	26.0	25.4	23.5	
Boston, MA-NH NECMA	10.1	9.1	9.2	9.5	9.2	8.5	9.0	9.5	9.8	9.9	
Denver-Boulder, CO	7.6	7.5	8.1	8.0	8.0	7.7	7.5	8.0	7.4	7.5	
Houston, TX	54.8	55.5	56.7	56.8	56.2	53.1	56.3	58.7	59.9	57.6	
Miami-Ft Lauderdale, FL	6.7	6.7	7.2	7.9	8.4	8.4	8.2	8.7	9.3	9.2	
Minneapolis-St.Paul, MN	21.6	18.9	18.9	17.8	19.4	21.5	19.1	22.3	23.3	22.3	
Norfolk-Va Beach VA	173.6	164.2	171.0	134.0	129.1	152.4	160.5	146.5	140.0	112.9	
Orange, CA	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Phoenix-Mesa, AZ	3.0	2.8	2.9	3.0	3.1	3.3	3.1	3.3	3.1	3.1	
Pittsburgh, PA	26.1	22.7	24.4	29.9	31.5	32.0	34.9	34.5	36.2	36.6	
Portland-Salem, OR-WA	46.2	43.6	44.3	43.9	43.3	47.1	42.6	42.1	39.8	40.6	
Raleigh-Durham, NC	3.8	3.3	3.8	3.6	3.6	3.5	3.9	3.5	3.7	3.7	
Sacramento, CA	2.8	2.3	2.5	2.6	2.9	2.4	2.6	2.5	2.6	2.3	
San Diego, CA	0.5	0.8	0.7	1.1	1.0	1.2	1.5	1.5	1.4	1.8	
San Francisco, CA	2.8	2.5	2.9	3.0	2.7	2.4	2.3	2.6	2.6	3.1	
San Jose, CA	1.5	1.3	1.4	1.4	1.3	1.2	1.1	1.0	1.1	1.2	
Seattle-Tacoma, WA	24.7	22.9	22.8	21.6	21.4	25.1	23.5	24.3	20.9	23.2	
Tampa-St. Pete., FL	40.8	39.4	37.9	36.2	40.4	40.4	37.3	37.9	36.8	35.4	
Washington, DC	3.6	3.1	3.0	2.7	2.8	3.0	3.5	3.3	3.2	3.2	
California	9.2	9.0	9.2	9.3	9.5	9.6	9.6	9.2	9.1	9.3	
United States	15.4	14.6	15.0	14.9	15.6	15.8	16.0	16.0	16.3	16.1	