



APPENDIX TABLE 5-39

S&E articles in psychology, by region, country, or economy: 2003–16

(Number)

| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| World | 19,476.0 | 20,821.0 | 23,082.0 | 25,186.0 | 26,698.0 | 29,058.0 | 30,740.0 | 32,030.0 | 34,502.0 | 36,688.0 | 38,529.0 | 39,974.0 | 40,539.0 | 38,925.0 |
| North America | 10,620.3 | 11,153.9 | 12,433.6 | 13,445.7 | 13,512.5 | 14,310.7 | 15,115.3 | 15,598.0 | 16,227.0 | 16,990.6 | 17,331.5 | 18,272.9 | 17,818.3 | 16,679.9 |
| Canada | 1,082.8 | 1,210.3 | 1,294.0 | 1,447.7 | 1,578.7 | 1,628.6 | 1,761.1 | 1,822.6 | 1,836.7 | 2,010.7 | 2,111.5 | 2,145.9 | 2,154.4 | 2,154.6 |
| Greenland | 0.0 | 0.0 | 0.0 | 0.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mexico | 63.0 | 64.3 | 63.3 | 91.8 | 108.2 | 99.3 | 120.9 | 134.7 | 155.2 | 127.1 | 147.7 | 138.8 | 151.4 | 132.2 |
| United States | 9,474.5 | 9,879.2 | 11,076.3 | 11,905.8 | 11,825.0 | 12,582.8 | 13,233.2 | 13,640.7 | 14,235.0 | 14,852.8 | 15,072.4 | 15,988.3 | 15,512.6 | 14,393.1 |
| Central America and Caribbean | 19.2 | 25.8 | 31.8 | 32.2 | 30.2 | 28.3 | 38.6 | 44.8 | 46.1 | 39.1 | 54.4 | 39.0 | 42.8 | 43.1 |
| Antigua and Barbuda | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bahamas, The | 1.4 | 1.0 | 1.0 | 0.2 | 1.8 | 1.0 | 1.7 | 3.6 | 0.0 | 0.8 | 2.2 | 0.2 | 1.1 | 0.4 |
| Barbados | 0.0 | 0.9 | 0.0 | 1.0 | 0.0 | 0.0 | 2.4 | 2.0 | 0.3 | 1.0 | 0.7 | 1.1 | 0.0 | 1.0 |
| Belize | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Costa Rica | 1.0 | 1.1 | 2.8 | 3.4 | 6.5 | 3.6 | 5.4 | 7.1 | 7.8 | 8.3 | 6.1 | 9.0 | 6.5 | 3.1 |
| Cuba | 1.1 | 3.7 | 2.7 | 0.3 | 4.4 | 5.1 | 2.4 | 3.4 | 8.3 | 5.7 | 8.7 | 4.7 | 4.4 | 5.2 |
| Dominica | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 0.0 | 2.9 | 3.2 | 0.5 | 1.5 | 0.2 |
| Dominican Republic | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.1 | 0.0 | 1.1 | 0.2 | 0.5 | 0.5 | 0.0 | 0.9 | 1.1 |
| El Salvador | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.2 | 0.8 | 0.3 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|---------|
| Grenada | 0.0 | 0.5 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 3.0 | 0.9 | 1.0 | 0.5 |
| Guatemala | 0.0 | 0.4 | 0.5 | 1.5 | 0.7 | 1.0 | 0.6 | 0.5 | 0.0 | 1.3 | 0.2 | 2.1 | 2.6 | 0.5 |
| Haiti | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.5 | 0.1 | 0.3 | 0.5 | 1.2 | 0.5 | 0.8 |
| Honduras | 0.0 | 0.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.3 |
| Jamaica | 1.5 | 1.2 | 1.3 | 1.2 | 1.8 | 2.4 | 5.5 | 2.6 | 5.3 | 1.2 | 5.7 | 4.3 | 3.5 | 3.2 |
| Nicaragua | 0.0 | 0.4 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.5 |
| Panama | 2.0 | 0.6 | 1.6 | 2.8 | 2.5 | 1.3 | 2.5 | 3.3 | 4.3 | 4.9 | 4.4 | 4.0 | 2.8 | 4.5 |
| Puerto Rico | 10.3 | 13.0 | 17.1 | 19.3 | 11.3 | 12.9 | 16.2 | 13.6 | 17.7 | 10.2 | 14.5 | 7.5 | 12.6 | 16.7 |
| Saint Kitts and Nevis | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.7 |
| Saint Lucia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 |
| Saint Vincent and the Grenadines | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Trinidad and Tobago | 1.9 | 1.9 | 2.0 | 1.5 | 0.0 | 0.0 | 1.9 | 4.1 | 2.1 | 0.8 | 4.7 | 2.8 | 2.7 | 4.3 |
| South America | 120.5 | 158.1 | 201.9 | 449.7 | 613.4 | 790.5 | 865.5 | 955.2 | 979.7 | 1,280.0 | 1,221.2 | 1,209.8 | 1,489.4 | 1,461.0 |
| Argentina | 25.0 | 33.9 | 27.4 | 34.7 | 44.9 | 73.6 | 92.8 | 106.5 | 99.6 | 140.1 | 131.4 | 129.8 | 152.3 | 151.1 |
| Bolivia | 0.0 | 0.0 | 0.8 | 0.0 | 1.0 | 0.3 | 0.1 | 0.3 | 1.6 | 0.2 | 0.2 | 0.7 | 0.8 | 1.2 |
| Brazil | 64.2 | 79.8 | 118.8 | 341.8 | 400.6 | 556.2 | 584.1 | 682.2 | 694.5 | 894.1 | 887.5 | 852.3 | 1,040.9 | 1,005.7 |
| Chile | 12.4 | 18.5 | 19.3 | 27.4 | 48.3 | 57.1 | 83.4 | 81.8 | 74.3 | 121.2 | 113.4 | 128.0 | 170.5 | 153.4 |
| Colombia | 12.9 | 13.5 | 16.0 | 29.0 | 98.1 | 78.2 | 82.1 | 60.9 | 82.1 | 95.0 | 71.5 | 70.2 | 75.0 | 103.7 |
| Ecuador | 0.0 | 1.4 | 0.0 | 0.4 | 0.3 | 0.4 | 1.1 | 0.7 | 0.9 | 3.0 | 0.0 | 0.3 | 5.2 | 7.7 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Guyana | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 1.0 |
| Paraguay | 0.0 | 0.0 | 1.0 | 1.0 | 0.5 | 2.0 | 0.0 | 1.0 | 1.1 | 2.0 | 0.0 | 0.0 | 2.0 | 0.3 |
| Peru | 1.2 | 2.2 | 3.4 | 3.7 | 5.4 | 5.7 | 4.3 | 5.6 | 7.9 | 5.4 | 8.5 | 11.0 | 19.2 | 18.6 |
| Suriname | 0.0 | 0.0 | 0.8 | 0.8 | 1.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Uruguay | 0.1 | 0.8 | 6.8 | 6.3 | 7.7 | 8.2 | 6.0 | 7.5 | 8.5 | 9.8 | 6.5 | 12.1 | 14.1 | 13.4 |
| Venezuela | 4.7 | 8.0 | 7.6 | 4.6 | 5.8 | 8.8 | 11.3 | 8.8 | 9.3 | 9.2 | 2.2 | 4.8 | 9.5 | 4.9 |
| Europe | 6,463.7 | 7,150.0 | 7,722.4 | 8,355.6 | 9,336.2 | 10,376.2 | 11,112.3 | 11,382.6 | 12,820.0 | 13,555.2 | 14,609.5 | 14,858.3 | 15,144.9 | 14,671.6 |
| EU | 6,019.3 | 6,674.8 | 7,200.4 | 7,762.1 | 8,633.5 | 9,550.0 | 10,159.7 | 10,461.1 | 11,852.5 | 12,528.6 | 13,486.6 | 13,633.7 | 13,778.9 | 13,189.4 |
| Austria | 73.5 | 87.7 | 82.1 | 86.2 | 90.5 | 128.7 | 136.1 | 140.9 | 178.2 | 203.6 | 193.5 | 215.5 | 242.4 | 187.1 |
| Belgium | 182.7 | 260.3 | 264.4 | 333.3 | 333.2 | 407.4 | 416.4 | 440.2 | 453.0 | 511.7 | 509.7 | 540.2 | 526.1 | 530.0 |
| Bulgaria | 3.4 | 1.7 | 1.4 | 6.3 | 4.7 | 4.2 | 6.7 | 3.6 | 5.7 | 12.8 | 10.1 | 10.0 | 7.7 | 4.3 |
| Croatia | 11.8 | 3.7 | 9.6 | 7.2 | 23.7 | 25.8 | 41.6 | 32.3 | 81.9 | 76.6 | 108.4 | 111.1 | 75.2 | 83.0 |
| Cyprus | 5.3 | 5.5 | 3.7 | 9.2 | 10.5 | 14.0 | 10.8 | 15.5 | 18.0 | 16.6 | 32.4 | 29.0 | 36.7 | 40.7 |
| Czech Republic | 59.8 | 80.2 | 76.5 | 105.1 | 111.2 | 106.8 | 90.7 | 112.4 | 110.9 | 130.8 | 156.7 | 124.2 | 187.1 | 150.1 |
| Denmark | 79.7 | 83.7 | 77.9 | 98.2 | 99.4 | 108.2 | 125.0 | 126.4 | 132.8 | 167.8 | 174.2 | 218.2 | 218.8 | 214.6 |
| Estonia | 13.5 | 13.6 | 9.9 | 8.6 | 19.3 | 12.4 | 16.7 | 22.5 | 16.9 | 40.7 | 39.5 | 29.0 | 32.3 | 32.3 |
| Finland | 128.7 | 164.5 | 137.2 | 149.3 | 162.9 | 164.4 | 198.7 | 178.5 | 228.5 | 213.9 | 224.5 | 269.2 | 282.3 | 265.8 |
| France | 786.9 | 913.7 | 936.1 | 936.0 | 1,059.5 | 1,117.2 | 1,166.7 | 1,157.1 | 1,247.3 | 1,244.7 | 1,316.4 | 1,267.6 | 1,259.1 | 1,150.9 |
| Germany | 1,030.7 | 1,078.2 | 1,231.1 | 1,327.0 | 1,445.6 | 1,657.0 | 1,723.4 | 1,753.8 | 1,939.2 | 2,080.1 | 2,179.3 | 2,291.1 | 2,198.5 | 2,267.9 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Greece | 42.0 | 48.3 | 62.3 | 70.9 | 71.8 | 88.0 | 87.6 | 115.9 | 124.9 | 120.5 | 144.5 | 129.4 | 142.4 | 122.3 |
| Hungary | 27.3 | 31.3 | 27.2 | 31.9 | 57.9 | 55.9 | 60.2 | 49.2 | 83.9 | 80.8 | 104.7 | 92.8 | 100.1 | 113.8 |
| Ireland | 35.9 | 60.3 | 59.8 | 59.7 | 74.9 | 88.4 | 90.1 | 95.8 | 112.1 | 142.1 | 155.3 | 148.3 | 149.9 | 147.3 |
| Italy | 293.1 | 329.8 | 321.0 | 397.3 | 462.1 | 542.9 | 620.5 | 634.5 | 814.2 | 914.3 | 984.6 | 1,006.1 | 1,192.4 | 1,094.6 |
| Latvia | 0.9 | 0.7 | 1.1 | 0.0 | 0.3 | 2.2 | 1.8 | 0.7 | 0.0 | 4.0 | 1.9 | 3.8 | 4.8 | 1.5 |
| Lithuania | 0.0 | 4.1 | 5.7 | 2.5 | 6.2 | 3.8 | 4.6 | 5.1 | 2.5 | 20.1 | 17.5 | 19.2 | 19.6 | 20.0 |
| Luxembourg | 2.7 | 0.0 | 2.4 | 3.0 | 3.5 | 3.3 | 3.7 | 8.8 | 12.6 | 11.9 | 20.7 | 15.0 | 14.9 | 21.0 |
| Malta | 0.0 | 1.1 | 1.9 | 2.4 | 1.6 | 1.5 | 4.0 | 4.9 | 2.5 | 6.6 | 3.9 | 7.7 | 6.9 | 3.5 |
| Netherlands | 590.4 | 655.5 | 720.0 | 775.3 | 885.5 | 1,066.9 | 1,121.7 | 1,207.9 | 1,252.4 | 1,270.8 | 1,199.0 | 1,320.8 | 1,218.5 | 1,156.2 |
| Poland | 30.2 | 32.1 | 53.1 | 33.5 | 62.3 | 56.7 | 55.5 | 62.4 | 137.7 | 164.3 | 274.9 | 282.7 | 371.9 | 325.0 |
| Portugal | 34.7 | 28.5 | 45.9 | 57.1 | 64.8 | 98.1 | 119.3 | 161.0 | 229.1 | 269.9 | 357.7 | 433.4 | 400.9 | 390.3 |
| Romania | 2.7 | 7.9 | 5.7 | 2.9 | 11.6 | 22.8 | 21.2 | 24.1 | 59.6 | 91.1 | 115.5 | 88.4 | 90.8 | 72.5 |
| Slovakia | 26.9 | 36.7 | 20.9 | 26.0 | 26.8 | 30.8 | 46.8 | 42.0 | 94.9 | 77.2 | 120.9 | 83.3 | 80.3 | 92.6 |
| Slovenia | 9.5 | 15.5 | 12.1 | 11.2 | 12.9 | 19.2 | 18.8 | 18.2 | 30.1 | 24.2 | 20.8 | 45.7 | 26.7 | 45.0 |
| Spain | 289.2 | 344.5 | 376.0 | 425.2 | 498.9 | 645.7 | 737.7 | 775.3 | 965.5 | 1,042.7 | 1,166.5 | 1,228.4 | 1,180.8 | 1,086.0 |
| Sweden | 255.4 | 231.1 | 272.4 | 314.0 | 338.2 | 333.7 | 332.9 | 308.6 | 353.3 | 385.1 | 415.2 | 464.6 | 495.3 | 439.9 |
| United Kingdom | 2,002.1 | 2,154.8 | 2,383.0 | 2,482.9 | 2,693.7 | 2,743.9 | 2,900.5 | 2,963.4 | 3,164.5 | 3,203.7 | 3,438.5 | 3,159.3 | 3,216.5 | 3,131.0 |
| Other Europe | 444.4 | 475.2 | 522.0 | 593.5 | 702.7 | 826.2 | 952.6 | 921.5 | 967.5 | 1,026.6 | 1,122.8 | 1,224.6 | 1,366.0 | 1,482.3 |
| Albania | 0.0 | 0.3 | 0.0 | 1.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.1 | 0.4 |



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|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Andorra | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 |
| Belarus | 0.0 | 0.0 | 1.5 | 0.0 | 2.0 | 2.0 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.7 | 1.0 |
| Bosnia and Herzegovina | 1.2 | 0.0 | 0.7 | 0.6 | 1.1 | 1.3 | 1.7 | 1.6 | 2.6 | 3.4 | 9.0 | 8.1 | 5.0 | 3.5 |
| Holy See (Vatican City) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Iceland | 9.2 | 13.1 | 3.0 | 14.1 | 9.7 | 16.8 | 18.4 | 17.9 | 14.3 | 11.0 | 19.6 | 19.1 | 20.4 | 17.0 |
| Kosovo | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.5 | 3.8 |
| Liechtenstein | 0.0 | 0.0 | 1.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.1 | 0.0 | 0.0 |
| Macedonia | 0.0 | 0.0 | 1.3 | 1.2 | 1.5 | 2.0 | 1.2 | 1.1 | 1.2 | 0.3 | 1.2 | 2.1 | 4.8 | 2.4 |
| Moldova | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Monaco | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | 2.1 | 0.0 | 0.2 | 0.0 | 0.1 |
| Montenegro ^a | na | na | na | na | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.1 | 1.0 | 0.4 | 1.3 | 2.0 |
| Norway | 124.8 | 120.0 | 126.2 | 160.2 | 167.3 | 200.3 | 233.8 | 258.5 | 288.8 | 277.5 | 313.0 | 358.0 | 376.5 | 286.8 |
| Russia | 77.0 | 83.8 | 79.7 | 86.0 | 92.3 | 79.9 | 101.5 | 87.2 | 75.8 | 102.2 | 85.7 | 120.6 | 173.1 | 403.3 |
| San Marino | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Serbia ^a | na | na | na | na | 39.2 | 38.6 | 37.7 | 27.4 | 33.7 | 38.9 | 39.5 | 56.9 | 51.2 | 60.7 |
| Serbia and Montenegro ^b | 2.7 | 3.9 | 5.7 | 3.7 | na | na | na | na | na | na | na | na | na | na |
| Switzerland | 164.4 | 180.6 | 208.9 | 216.9 | 263.2 | 339.6 | 363.4 | 364.0 | 384.1 | 413.3 | 442.8 | 462.4 | 484.3 | 464.6 |
| Turkey | 64.1 | 70.6 | 92.8 | 106.7 | 124.6 | 142.4 | 186.5 | 157.3 | 155.2 | 170.0 | 204.7 | 186.0 | 237.5 | 229.6 |
| Ukraine | 1.0 | 2.4 | 1.2 | 2.2 | 1.2 | 2.3 | 4.9 | 4.7 | 8.2 | 4.2 | 6.0 | 8.3 | 8.9 | 7.2 |



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|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Middle East | 313.8 | 298.6 | 342.3 | 374.6 | 413.0 | 480.7 | 426.7 | 478.3 | 552.6 | 625.2 | 611.3 | 692.6 | 774.7 | 835.3 |
| Armenia | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.7 | 0.2 | 0.5 | 2.6 | 2.9 | 0.0 |
| Azerbaijan | 0.0 | 0.1 | 0.5 | 0.0 | 0.0 | 1.3 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 1.8 |
| Bahrain | 2.3 | 0.7 | 2.0 | 2.5 | 1.0 | 2.5 | 1.2 | 1.5 | 1.0 | 0.0 | 0.6 | 3.7 | 1.7 | 0.1 |
| Gaza Strip | 0.7 | 0.3 | 1.0 | 0.8 | 0.0 | 1.8 | 0.0 | 3.0 | 0.9 | 1.7 | 0.5 | 1.0 | 0.4 | 1.2 |
| Georgia | 1.0 | 0.6 | 0.3 | 0.4 | 0.6 | 1.2 | 2.3 | 3.9 | 2.6 | 2.2 | 1.3 | 2.0 | 3.4 | 7.3 |
| Iran | 16.7 | 16.8 | 18.8 | 30.6 | 33.4 | 43.8 | 37.5 | 46.4 | 61.5 | 62.1 | 70.2 | 93.2 | 132.7 | 148.1 |
| Iraq | 0.0 | 1.2 | 1.8 | 1.0 | 1.0 | 0.5 | 0.9 | 0.1 | 0.2 | 2.0 | 0.3 | 1.6 | 1.1 | 2.6 |
| Israel | 251.2 | 236.4 | 261.3 | 284.1 | 325.3 | 375.1 | 347.3 | 358.7 | 421.4 | 487.1 | 440.4 | 485.0 | 518.8 | 573.9 |
| Jordan | 4.5 | 2.8 | 6.5 | 6.1 | 6.5 | 1.5 | 6.3 | 11.2 | 8.0 | 7.9 | 18.1 | 14.4 | 15.3 | 10.7 |
| Kuwait | 16.3 | 19.8 | 22.4 | 30.5 | 16.9 | 21.8 | 14.2 | 12.6 | 11.4 | 17.1 | 11.9 | 9.3 | 10.9 | 4.5 |
| Lebanon | 0.9 | 2.5 | 9.8 | 6.3 | 9.7 | 9.3 | 3.4 | 9.0 | 10.3 | 8.3 | 10.3 | 17.6 | 15.0 | 16.0 |
| Oman | 1.5 | 0.5 | 0.0 | 0.0 | 2.8 | 3.5 | 1.3 | 0.5 | 6.1 | 1.0 | 8.6 | 2.8 | 6.9 | 10.0 |
| Qatar | 0.0 | 1.0 | 1.5 | 2.0 | 1.9 | 2.0 | 0.5 | 2.5 | 2.2 | 8.6 | 5.3 | 4.2 | 4.4 | 6.8 |
| Saudi Arabia | 11.3 | 7.7 | 9.0 | 5.5 | 5.5 | 5.4 | 4.5 | 13.9 | 12.6 | 7.5 | 19.8 | 33.4 | 35.5 | 28.2 |
| Syria | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 1.0 | 0.0 | 0.0 |
| United Arab Emirates | 6.4 | 8.2 | 7.5 | 2.8 | 4.5 | 8.1 | 6.3 | 14.6 | 12.8 | 16.8 | 21.0 | 18.4 | 24.9 | 23.1 |
| West Bank | 0.1 | 0.0 | 0.0 | 0.7 | 4.0 | 1.0 | 1.0 | 0.0 | 1.0 | 0.8 | 0.8 | 2.2 | 1.0 | 0.8 |
| Yemen | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.2 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ethiopia | 0.0 | 1.0 | 0.0 | 0.6 | 0.0 | 0.6 | 0.5 | 1.6 | 0.7 | 2.4 | 0.6 | 5.0 | 1.9 | 4.0 |
| Gabon | 0.3 | 0.4 | 2.9 | 1.7 | 1.1 | 1.0 | 0.3 | 0.8 | 0.1 | 0.4 | 0.0 | 0.8 | 0.0 | 0.9 |
| Gambia, The | 0.0 | 0.0 | 0.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ghana | 2.8 | 2.0 | 1.0 | 2.8 | 1.2 | 2.1 | 2.7 | 4.9 | 3.1 | 3.8 | 5.5 | 6.3 | 8.1 | 8.8 |
| Guinea | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Guinea-Bissau | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kenya | 2.8 | 3.8 | 4.1 | 6.0 | 4.2 | 6.4 | 7.0 | 6.7 | 2.9 | 10.8 | 12.1 | 11.5 | 8.2 | 9.3 |
| Lesotho | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 |
| Liberia | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 1.0 | 0.0 | 0.0 | 0.3 |
| Libya | 0.0 | 0.0 | 0.3 | 0.5 | 0.5 | 0.0 | 0.7 | 0.0 | 0.0 | 5.3 | 1.1 | 0.1 | 1.5 | 0.0 |
| Madagascar | 1.2 | 0.4 | 0.5 | 1.9 | 1.5 | 0.9 | 0.3 | 0.7 | 2.2 | 0.7 | 3.2 | 5.4 | 3.6 | 0.4 |
| Malawi | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 1.7 | 1.4 | 0.9 | 0.5 | 1.0 | 0.0 | 0.0 | 0.1 | 1.3 |
| Mali | 0.0 | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | 1.0 | 0.4 | 0.0 | 0.2 | 0.0 | 1.0 |
| Mauritania | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mauritius | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 1.0 | 1.3 | 0.5 | 1.6 | 0.6 | 2.5 | 3.3 | 2.0 |
| Morocco | 0.0 | 1.0 | 1.0 | 1.2 | 1.3 | 2.6 | 0.6 | 8.0 | 6.8 | 4.8 | 5.6 | 3.3 | 2.9 | 3.0 |
| Mozambique | 1.0 | 1.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.3 | 0.9 | 0.0 | 0.5 | 0.7 | 0.6 |
| Namibia | 0.0 | 0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0.5 | 1.8 | 0.2 | 0.6 | 1.7 | 0.0 |
| Niger | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.3 | 0.7 | 0.0 | 0.1 | 0.0 | 0.5 | 0.5 | 0.0 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Nigeria | 5.0 | 10.3 | 6.7 | 18.7 | 11.0 | 9.5 | 18.4 | 12.7 | 21.6 | 19.7 | 17.5 | 22.4 | 27.0 | 29.8 |
| Rwanda | 0.0 | 0.0 | 0.8 | 0.4 | 0.6 | 0.5 | 0.4 | 1.0 | 0.8 | 1.6 | 0.3 | 0.3 | 1.1 | 2.4 |
| São Tomé and Príncipe | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Senegal | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.1 | 1.8 | 3.3 | 0.5 | 0.3 | 1.1 | 0.1 |
| Seychelles | 0.0 | 0.2 | 0.0 | 0.0 | 1.5 | 0.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| Sierra Leone | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.1 | 0.5 | 0.2 |
| Somalia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| South Africa | 106.9 | 100.5 | 105.7 | 147.2 | 124.2 | 186.9 | 174.1 | 186.1 | 217.4 | 263.4 | 295.5 | 196.0 | 275.4 | 225.8 |
| South Sudan | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sudan | 0.0 | 0.0 | 1.0 | 0.3 | 0.0 | 1.8 | 1.0 | 0.0 | 0.5 | 1.0 | 1.0 | 0.1 | 0.7 | 0.4 |
| Swaziland | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 2.8 | 1.1 | 1.0 | 0.9 | 0.0 |
| Tanzania | 0.3 | 0.5 | 0.3 | 2.6 | 0.5 | 2.2 | 1.2 | 4.0 | 2.7 | 2.9 | 2.7 | 5.0 | 2.5 | 1.9 |
| Togo | 0.0 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.0 | 0.0 | 2.0 | 0.2 | 0.0 | 0.6 |
| Tunisia | 0.8 | 1.0 | 3.3 | 3.3 | 1.8 | 3.0 | 2.4 | 12.9 | 4.1 | 5.6 | 7.5 | 11.7 | 10.4 | 10.1 |
| Uganda | 0.9 | 1.4 | 1.3 | 4.0 | 2.1 | 3.3 | 4.5 | 4.1 | 5.1 | 6.8 | 5.9 | 6.9 | 4.9 | 8.5 |
| Western Sahara | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Zambia | 0.0 | 0.0 | 0.0 | 1.3 | 2.1 | 1.9 | 0.2 | 1.4 | 2.3 | 0.0 | 0.4 | 4.2 | 0.9 | 2.2 |
| Zimbabwe | 0.6 | 0.0 | 0.8 | 2.0 | 3.3 | 2.8 | 1.6 | 2.7 | 1.8 | 4.2 | 4.3 | 2.1 | 2.6 | 4.3 |
| Asia | 685.0 | 800.7 | 931.6 | 963.6 | 1,188.8 | 1,245.9 | 1,447.2 | 1,679.6 | 1,872.3 | 2,077.2 | 2,191.4 | 2,438.4 | 2,736.0 | 2,790.8 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|
| Afghanistan | 0.0 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.5 | 0.2 | 0.0 | 0.3 | 0.0 | 0.0 |
| Bangladesh | 1.3 | 1.2 | 0.2 | 0.5 | 2.4 | 0.8 | 2.0 | 4.7 | 4.3 | 2.6 | 2.2 | 3.5 | 4.1 | 6.2 |
| Bhutan | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Brunei | 0.0 | 0.5 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.2 | 0.5 | 0.0 | 0.0 | 2.9 |
| Burma | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 |
| Cambodia | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.5 | 0.0 | 0.3 | 1.6 | 0.0 | 0.3 | 0.8 | 0.7 | 1.2 |
| China | 149.6 | 177.0 | 161.8 | 197.5 | 234.7 | 284.1 | 385.4 | 418.7 | 481.8 | 634.0 | 666.3 | 833.9 | 1,039.7 | 1,098.0 |
| India | 35.3 | 47.8 | 40.6 | 63.6 | 63.1 | 63.0 | 61.0 | 89.4 | 141.2 | 149.9 | 145.7 | 188.9 | 233.0 | 214.3 |
| Indonesia | 1.3 | 2.3 | 1.6 | 3.9 | 3.8 | 3.1 | 7.9 | 93.4 | 3.4 | 18.3 | 15.2 | 13.9 | 15.9 | 15.1 |
| Japan | 313.0 | 391.8 | 499.8 | 419.7 | 510.6 | 477.8 | 521.0 | 544.8 | 543.1 | 555.5 | 565.2 | 546.1 | 550.8 | 568.0 |
| Kazakhstan | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.2 | 1.1 | 0.7 | 6.6 | 0.8 | 1.6 |
| Kyrgyzstan | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.3 | 0.5 | 0.0 | 0.0 | 1.0 | 0.3 | 0.7 |
| Laos | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.8 | 0.0 | 1.3 | 0.0 | 0.6 | 0.0 |
| Malaysia | 7.0 | 9.0 | 5.9 | 14.5 | 3.1 | 8.7 | 12.4 | 20.5 | 36.9 | 54.4 | 50.2 | 66.6 | 64.6 | 69.9 |
| Maldives | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| Mongolia | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.8 | 0.0 | 0.2 | 0.2 |
| Nepal | 0.5 | 1.2 | 0.9 | 0.3 | 0.5 | 0.2 | 0.7 | 0.8 | 0.3 | 0.3 | 0.3 | 2.2 | 1.2 | 1.2 |
| North Korea | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Pakistan | 1.6 | 4.1 | 1.8 | 6.2 | 5.5 | 7.1 | 5.2 | 6.8 | 14.4 | 6.4 | 16.2 | 17.3 | 23.4 | 51.5 |



| Region, country, or economy | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Nauru | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| New Zealand | 145.6 | 183.6 | 164.4 | 210.4 | 186.7 | 211.0 | 210.5 | 239.5 | 286.6 | 249.8 | 265.3 | 249.7 | 237.7 | 254.7 |
| Niue | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Palau | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Samoa | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| Solomon Islands | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tonga | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 |
| Tuvalu | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Vanuatu | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Unassigned | 318.5 | 178.6 | 229.5 | 239.1 | 259.1 | 256.0 | 133.6 | 118.4 | 111.8 | 100.3 | 147.8 | 90.1 | 46.2 | 30.4 |

na = not applicable; country data do not exist.

EU = European Union.

^a Beginning in 2006, Serbia and Montenegro represented individual countries.

^b Serbia and Montenegro represented a single country for data purposes from 1992 to 2006.

Note(s)

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Source(s)

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