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Supplement of

A global approach to estimate irrigated areas – a comparison between different data and statistics

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S. 1 Supplementary materials

Table S1: Comparison of different information about irrigated areas in the USA.

| | New irrigation map[km²] | Ozdogan et al. [km²] | USGS [km²] |
|-----------------------------|---|--|------------------------------|
| California | 41,186 | 26,808 | 42,087 |
| Texas | 30,220 | 18,312 | 23,957 |
| Arkansas | 19,785 | 10,610 | 18,899 |
| Idaho | 16,475 | 8,348 | 14,569 |
| Oregon | 10,268 | 3,974 | 7,689 |
| Florida | 9,097 | 4,160 | 8,053 |
| Kansas | 16,146 | 12,131 | 12,464 |
| Colorado | 16,013 | 12,043 | 13,517 |
| Nebraska | 36,778 | 33,118 | 35,329 |
| Wyoming | 7,412 | 4,370 | 4,371 |
| Washington | 9,232 | 6,324 | 6,394 |
| Utah | 6,092 | 3,300 | 5,423 |
| Missouri | 5,632 | 3,047 | 5,301 |
| Nevada | 3,841 | 1,306 | 2,335 |
| Montana | 10,336 | 8,001 | 6,637 |
| Arizona | 4,955 | 3,050 | 4,019 |
| Mississippi | 6,542 | 4,755 | 7,244 |
| Minnesota | 2,382 | 854 | 2,185 |
| New Mexico | 4,985 | 3,665 | 3,553 |
| Wisconsin | 1,514 | 558 | 1,643 |
| Michigan | 1,939 | 1,208 | 2,048 |
| New Jersey | 542 | 192 | 402 |
| Oklahoma | 2,533 | 2,197 | 2,161 |
| New York | 312 | 164 | 437 |
| Georgia | 5,941 | 5,802 | 5,787 |
| Connecticut | 75 | 0 | 105 |
| Rhode Island | 25 | 0 | 25 |
| Massachusetts | 59 | 53 | 163 |
| New Hampshire | 1 | 0 | 24 |
| Vermont | 1 | 0 | 16 |
| District of Columbia | 0 | 0 | 0 |
| West Virginia | 0 | 0 | 15 |
| Illinois | 2,019 | 2,072 | 1,955 |
| Maine | 1 | 92 | 193 |
| Delaware | 398 | 600 | 538 |
| Pennsylvania | 116 | 330 | 276 |

| | | | |
|----------------|---------|---------|---------|
| Iowa | 635 | 851 | 757 |
| Indiana | 1,440 | 1,973 | 1,607 |
| Ohio | 146 | 721 | 230 |
| Maryland | 328 | 1,047 | 425 |
| Virginia | 286 | 1,018 | 473 |
| South Carolina | 848 | 1,844 | 623 |
| North Dakota | 974 | 2,536 | 947 |
| Kentucky | 236 | 2,234 | 244 |
| Alabama | 389 | 3,345 | 615 |
| South Dakota | 2,000 | 5,484 | 785 |
| North Carolina | 1,174 | 5,091 | 1,085 |
| Tennessee | 348 | 4,267 | 372 |
| Louisiana | 4,858 | 10,767 | 3,747 |
| Sum | 286,516 | 222,625 | 251,724 |

Table S2: Comparison of different information about irrigated areas in China.

| | New Irrigation Map [km ²] | Zhang et al. [km ²] | FAO [km ²] |
|-----------------|---------------------------------------|---------------------------------|------------------------|
| Xinjiang Uygur' | 99,645 | 30,629 | 46,291 |
| 'Henan' | 79,933 | 51,069 | 38,626 |
| 'Shandong' | 73,327 | 48,110 | 44,855 |
| 'Hebei' | 51,821 | 44,830 | 44,750 |
| 'Jiangxi' | 47,970 | 18,935 | 34,876 |
| 'Anhui' | 36,251 | 31,902 | 23,093 |
| 'Jiangsu' | 34,501 | 38,606 | 28,422 |
| 'Hunan' | 27,129 | 26,616 | 25,984 |
| 'Sichuan' | 25,082 | 23,418 | 21,407 |
| 'Shaanxi' | 24,668 | 13,123 | 12,116 |
| 'Hubei' | 23,879 | 20,712 | 20,825 |
| 'Guangdong' | 21,004 | 14,778 | 20,423 |
| 'Heilongjiang' | 20,725 | 20,327 | 20,031 |
| 'Jilin' | 18,837 | 13,119 | 18,187 |
| 'Gansu' | 18,826 | 9,430 | 11,531 |
| 'Yunnan' | 17,246 | 14,032 | 13,282 |
| 'Liaoning' | 16,072 | 14,381 | 10,663 |
| 'Shanxi' | 15,860 | 11,043 | 10,174 |
| 'Nei Mongol' | 15,549 | 21,062 | 13,859 |
| 'Guangxi' | 15,203 | 14,707 | 12,083 |
| 'Zhejiang' | 14,818 | 13,421 | 14,687 |
| 'Fujian' | 9,603 | 9,294 | 9,382 |
| 'Guizhou' | 7,080 | 6,550 | 5,150 |
| 'Chongqing' | 5,972 | 6,230 | 4,325 |

| | | | |
|---------------|---------|---------|---------|
| 'Ningxia Hui' | 5,473 | 4,012 | 4,972 |
| 'Qinghai' | 4,188 | 2,114 | 3,016 |
| 'Tianjin' | 4,178 | 3,434 | 3,219 |
| 'Beijing' | 3,401 | 3,274 | 3,524 |
| 'Xizang' | 3,371 | 1,417 | 2,899 |
| 'Shanghai' | 2,996 | 2,868 | 3,083 |
| 'Hainan' | 2,732 | 1,795 | 1,892 |
| Sum | 747,342 | 535,237 | 527,631 |

Table S3: Comparison of different information about irrigated areas in India.

| | New irrigation map [km ²] | Ambika et al. [km ²] |
|--------------------------|--|-------------------------------------|
| 'Andaman and Nicobar' | 13 | |
| 'Andhra Pradesh' | 62,676 | 60,800 |
| 'Arunachal Pradesh' | 167 | 1,200 |
| 'Assam' | 2,120 | 11,700 |
| 'Bihar' | 65,738 | 27,100 |
| 'Chandigarh' | 13 | 10 |
| 'Chhattisgarh' | 14,313 | 33,400 |
| 'Dadra and Nagar Haveli' | 33 | 50 |
| 'Daman and Diu' | 10 | 0 |
| Delhi | 528 | 200 |
| 'Goa' | 279 | 500 |
| 'Gujarat' | 51,915 | 44,200 |
| 'Haryana' | 36,671 | 30,900 |
| 'Himachal Pradesh' | 1,937 | 2,800 |
| 'Jammu and Kashmir' | 4,483 | 3,600 |
| 'Jharkhand' | 4,745 | 14,000 |
| 'Karnataka' | 31,535 | 39,500 |
| 'Kerala' | 3,605 | 5,800 |
| 'Madhya Pradesh' | 125,178 | 56,000 |
| 'Maharashtra' | 55,178 | 35,900 |
| 'Manipur' | 323 | 600 |
| 'Meghalaya' | 638 | 1,200 |
| 'Mizoram' | 46 | 700 |
| 'Nagaland' | 282 | 1,200 |
| 'Odisha' | 18,998 | 33,700 |
| 'Puducherry' | 233 | 200 |
| 'Punjab' | 47,274 | 43,800 |
| 'Rajasthan' | 72,676 | 83,400 |
| 'Sikkim' | 110 | 300 |

| | | |
|-----------------|---------|---------|
| 'Tamil Nadu' | 31,998 | 32,700 |
| 'Tripura' | 705 | 1,300 |
| 'Uttar Pradesh' | 200,979 | 142,800 |
| 'Uttarakhand' | 5,329 | 4,800 |
| 'West Bengal' | 36,884 | 25,700 |
| Sum | 877,611 | 740,060 |

Table S4: Global comparison of irrigation maps. The values of GRIPC are weighted by an averaged field size factor of 0.83.

| | New irrigation map [km ²] | GMIA (downscaled) [km ²] | FAOSTAT (average 1999-2012) [km ²] | AQUASTAT (average 1998-2012) [km ²] | GRIPC [km ²] | GIAM [km ²] |
|------------------------|---------------------------------------|--------------------------------------|--|---|--------------------------|-------------------------|
| Afghanistan | 36,043 | 33,484 | 32,063 | 32,080 | 5,618 | 10,081 |
| Åland Islands | 18 | 18 | 0 | | 0 | |
| Albania | 5,446 | 3,433 | 3,457 | 3,390 | 3,313 | 2,238 |
| Algeria | 7,309 | 6,064 | 5,692 | 8,997 | 10,913 | 1,443 |
| Angola | 859 | 836 | 845 | 855 | 632 | 233 |
| Argentina | 17,907 | 16,922 | 18,981 | 23,570 | 22,040 | 93,043 |
| Armenia | 2,740 | 2,705 | 2,740 | 2,735 | 810 | 1,067 |
| Aruba | 0 | 0 | 0 | | 0 | |
| Australia | 36,479 | 36,045 | 25,119 | 24,650 | 58,062 | 118,652 |
| Austria | 1,068 | 1,068 | 1,072 | 1,014 | 2 | 1,165 |
| Azerbaijan | 16,175 | 14,169 | 14,296 | 14,257 | 15,964 | 8,356 |
| Bahamas | 0 | 0 | 10 | 10 | 83 | |
| Bahrain | 15 | 15 | 40 | 41 | 1 | |
| Bangladesh | 53,291 | 48,033 | 48,195 | 50,500 | 62,804 | 52,351 |
| Barbados | 9 | 9 | 50 | 54 | 11 | |
| Belarus | 822 | 822 | 1,166 | 866 | 1 | 841 |
| Belgium | 298 | 298 | 251 | 232 | 4 | 3,248 |
| Belize | 44 | 44 | 33 | 35 | 63 | 39 |
| Benin | 467 | 114 | 178 | 177 | 136 | 152 |
| Bhutan | 250 | 248 | 285 | 298 | 289 | 10 |
| Bolivia | 1,311 | 1,274 | 2,618 | 2,619 | 2,549 | 2,141 |
| Bosnia and Herzegovina | 180 | 53 | 30 | 30 | 109 | 108 |
| Botswana | 51 | 51 | 16 | 14 | 85 | 54 |
| Brazil | 48,828 | 39,731 | 44,929 | 42,930 | 86,575 | 41,951 |
| Bulgaria | 6,157 | 5,625 | 2,530 | 1,211 | 4,144 | 13,018 |
| Burkina Faso | 897 | 228 | 385 | 396 | 15 | 157 |
| Burma | 46,405 | 21,193 | 21,208 | 20,500 | 32,660 | 44,530 |
| Burundi | 213 | 213 | 226 | 214 | 78 | 118 |

| | | | | | | |
|----------------------------------|---------|---------|---------|---------|---------|-----------|
| Cambodia | 5,466 | 5,406 | 3,256 | 3,189 | 21,477 | 7,363 |
| Cameroon | 943 | 266 | 275 | 257 | 666 | 527 |
| Canada | 11,918 | 11,918 | 8,421 | 12,180 | 4,754 | 26,583 |
| Cape Verde | 23 | 19 | 33 | 35 | 24 | 0 |
| Central African Republic | 4 | 0 | 10 | | 0 | 12 |
| Chad | 1,748 | 320 | 291 | 303 | 3,692 | 252 |
| Chile | 18,910 | 18,503 | 11,042 | 11,090 | 13,902 | 15,149 |
| China | 746,284 | 596,413 | 615,240 | 585,695 | 681,448 | 1,119,888 |
| Colombia | 8,353 | 8,340 | 9,662 | 9,935 | 5,714 | 5,462 |
| Congo | 20 | 20 | 20 | | 516 | 0 |
| Costa Rica | 990 | 990 | 1,020 | | 350 | 126 |
| Cote d'Ivoire | 639 | 622 | 730 | | 695 | 951 |
| Croatia | 419 | 58 | 131 | 138 | 236 | 352 |
| Cuba | 8,672 | 8,672 | 8,700 | 5,576 | 7,441 | 4,869 |
| Cyprus | 583 | 583 | 445 | 555 | 1,189 | 71 |
| Czech Republic | 520 | 520 | 375 | 354 | 0 | 5,180 |
| Democratic Republic of the Congo | 124 | 122 | 110 | | 1,947 | 218 |
| Denmark | 4,199 | 4,199 | 4,425 | 4,542 | 2,757 | 11,647 |
| Djibouti | 3 | 3 | 10 | 10 | 3 | 9 |
| Dominican Republic | 2,871 | 2,853 | 2,909 | 2,881 | 160 | 709 |
| Ecuador | 8,212 | 8,008 | 11,361 | 11,767 | 483 | 2,886 |
| Egypt | 37,319 | 33,451 | 35,009 | 35,160 | 20,667 | 21,441 |
| El Salvador | 492 | 492 | 450 | 452 | 6 | 116 |
| Eritrea | 232 | 231 | 211 | | 21 | 170 |
| Estonia | 0 | 0 | 40 | 9 | 2 | 246 |
| Ethiopia | 6,623 | 3,086 | 2,900 | 2,896 | 2,492 | 1,842 |
| Fiji | 24 | 24 | 37 | 35 | 5 | 0 |
| Finland | 819 | 819 | 822 | 778 | 0 | 1,253 |
| France | 33,500 | 29,743 | 26,438 | 26,380 | 12,960 | 23,996 |
| French Guiana | 57 | 57 | 56 | | 151 | 29 |
| French Polynesia | 0 | 0 | 10 | | 13 | |
| Gabon | 41 | 41 | 40 | | 34 | 0 |
| Gambia | 24 | 24 | 29 | 36 | 6 | 399 |
| Georgia | 4,299 | 4,150 | 4,384 | 4,328 | 3,522 | 1,285 |
| Germany | 4,961 | 4,961 | 5,516 | 5,466 | 502 | 21,977 |
| Ghana | 646 | 631 | 322 | 309 | 414 | 606 |
| Greece | 19,557 | 15,636 | 15,037 | 13,910 | 13,213 | 9,077 |
| Grenada | 0 | 0 | 10 | 4 | 0 | 0 |
| Guadeloupe | 71 | 71 | 66 | | 2 | 19 |
| Guam | 0 | 0 | 2 | | 0 | 0 |
| Guatemala | 1,361 | 1,361 | 2,875 | 3,248 | 85 | 694 |
| Guernsey | 0 | 0 | 0 | | 0 | |
| Guinea | 973 | 906 | 950 | 949 | 553 | 3,026 |

| | | | | | | |
|--|---------|---------|---------|---------|---------|-----------|
| Guinea-Bissau | 348 | 209 | 249 | | 58 | 1,080 |
| Guyana | 1,316 | 1,316 | 1,463 | 1,430 | 1,565 | 963 |
| Haiti | 929 | 929 | 959 | 970 | 572 | 508 |
| Honduras | 774 | 774 | 847 | 888 | 150 | 706 |
| Hong Kong | 21 | 21 | 0 | | 43 | |
| Hungary | 3,181 | 3,181 | 1,847 | 1,956 | 493 | 2,417 |
| Iceland | 0 | 0 | 0 | | 0 | |
| India | 879,572 | 612,289 | 642,777 | 642,960 | 880,684 | 1,012,349 |
| Indonesia | 62,199 | 61,733 | 63,594 | 67,220 | 30,383 | 31,729 |
| Iran (Islamic Republic of) | 99,493 | 91,973 | 86,256 | 84,985 | 32,917 | 26,233 |
| Iraq | 36,118 | 35,407 | 35,250 | | 15,194 | 22,200 |
| Ireland | 4 | 4 | 0 | 11 | 0 | 0 |
| Israel | 1,852 | 1,786 | 2,199 | 2,250 | 2,833 | 998 |
| Italy | 49,632 | 38,573 | 39,324 | 38,593 | 26,230 | 28,306 |
| Jamaica | 241 | 241 | 250 | 307 | 30 | 49 |
| Japan | 23,722 | 23,721 | 25,563 | 26,500 | 12,835 | 25,251 |
| Jordan | 919 | 898 | 846 | 802 | 1,588 | 727 |
| Kazakhstan | 57,177 | 26,566 | 20,161 | 19,720 | 42,375 | 72,277 |
| Kenya | 4,040 | 960 | 981 | 1,301 | 55 | 854 |
| Kiribati | 0 | 0 | 0 | | 6 | |
| Korea, Democratic People's Republic of | 13,991 | 13,991 | 14,600 | | 8,573 | 14,673 |
| Korea, Republic of | 7,482 | 7,482 | 8,441 | 8,435 | 15,000 | 11,925 |
| Kuwait | 105 | 105 | 87 | 86 | 10 | 373 |
| Kyrgyzstan | 11,277 | 10,339 | 10,323 | 10,220 | 5,408 | 7,009 |
| Lao People's Democratic Republic | 3,171 | 3,121 | 3,024 | 3,028 | 7,215 | 1,056 |
| Latvia | 0 | 0 | 9 | 8 | 0 | 127 |
| Lebanon | 1,090 | 1,059 | 1,040 | 1,040 | 1,216 | 247 |
| Lesotho | 19 | 19 | 30 | 26 | 0 | 57 |
| Liberia | 12 | 12 | 30 | | 67 | 2 |
| Libyan Arab Jamahiriya | 4,770 | 4,711 | 4,700 | 4,350 | 3,830 | 2,307 |
| Lithuania | 0 | 0 | 55 | 45 | 0 | 573 |
| Luxembourg | 0 | 0 | 365 | 0 | 0 | 0 |
| Madagascar | 11,445 | 11,445 | 10,860 | 10,860 | 6,123 | 724 |
| Malawi | 498 | 497 | 671 | 643 | 165 | 33 |
| Malaysia | 3,422 | 3,422 | 3,752 | 3,800 | 633 | 2,588 |
| Mali | 2,864 | 2,486 | 2,993 | 3,035 | 468 | 564 |
| Malta | 23 | 23 | 27 | 28 | 51 | 0 |
| Martinique | 51 | 51 | 64 | | 1 | |
| Mauritania | 469 | 469 | 450 | 450 | 89 | 151 |
| Mauritius | 190 | 190 | 207 | 212 | 244 | 53 |
| Mexico | 71,197 | 68,352 | 63,636 | 63,600 | 63,787 | 38,547 |
| Mongolia | 7,687 | 759 | 840 | | 1,924 | 4,223 |
| Montenegro | 71 | 36 | 23 | 24 | 96 | 103 |

| | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|
| Morocco | 15,734 | 15,091 | 14,439 | 14,827 | 23,925 | 10,451 |
| Mozambique | 1,280 | 1,199 | 1,174 | 1,181 | 601 | 564 |
| Namibia | 86 | 86 | 79 | 76 | 15 | 105 |
| Nepal | 18,163 | 11,048 | 12,201 | 11,680 | 16,401 | 12,520 |
| Netherlands | 4,158 | 4,158 | 4,434 | 4,805 | 141 | 8,702 |
| New Caledonia | 0 | 0 | 97 | | 24 | |
| New Zealand | 5,342 | 5,197 | 5,406 | 5,435 | 4,658 | 1,254 |
| Nicaragua | 884 | 883 | 1,441 | 1,467 | 1,010 | 164 |
| Niger | 744 | 744 | 816 | 823 | 494 | 41 |
| Nigeria | 6,277 | 3,172 | 2,907 | 2,918 | 14,507 | 1,979 |
| Norway | 1,149 | 1,149 | 1,148 | 1,142 | 2 | 21 |
| Oman | 1,044 | 599 | 593 | 589 | 148 | 179 |
| Pakistan | 192,534 | 165,867 | 191,007 | 189,050 | 130,583 | 140,362 |
| Palestine | 243 | 242 | 230 | 220 | 1,127 | 75 |
| Panama | 329 | 329 | 335 | 321 | 3,807 | 491 |
| Paraguay | 605 | 585 | 808 | 1,016 | 8,665 | 286 |
| Peru | 18,178 | 17,951 | 22,721 | 25,800 | 1,705 | 3,560 |
| Philippines | 17,470 | 17,293 | 14,527 | 18,790 | 19,279 | 15,426 |
| Poland | 1,045 | 1,045 | 1,039 | 967 | 30 | 3,515 |
| Portugal | 8,993 | 8,361 | 6,341 | 6,879 | 3,406 | 3,589 |
| Puerto Rico | 358 | 358 | 219 | 219 | 6 | 120 |
| Qatar | 139 | 137 | 130 | 129 | 3 | 385 |
| Republic of Moldova | 2,915 | 2,915 | 2,475 | 2,677 | 300 | 2,941 |
| Reunion | 79 | 79 | 84 | | 19 | 7 |
| Romania | 21,392 | 21,235 | 31,519 | 13,720 | 5,426 | 23,752 |
| Russia | 21,651 | 20,171 | 44,770 | 23,750 | 78,337 | 138,869 |
| Rwanda | 91 | 91 | 92 | 91 | 50 | 801 |
| Saint Helena | 2 | 0 | 0 | | 0 | |
| Saint Lucia | 35 | 35 | 30 | 30 | 0 | 0 |
| San Marino | 2 | 2 | 0 | | 5 | 11 |
| Sao Tome and Principe | 80 | 80 | 100 | | 0 | 0 |
| Saudi Arabia | 15,195 | 14,050 | 16,190 | 16,200 | 1,931 | 6,787 |
| Senegal | 1,252 | 1,250 | 1,170 | 1,197 | 827 | 2,114 |
| Serbia | 1,973 | 1,648 | 931 | 920 | 276 | 1,719 |
| Seychelles | 1 | 1 | 3 | 3 | 3 | 1 |
| Sierra Leone | 295 | 295 | 299 | | 2,489 | 218 |
| Slovakia | 2,211 | 2,211 | 1,599 | 1,547 | 5 | 1,099 |
| Slovenia | 152 | 152 | 60 | 65 | 59 | 4 |
| Somalia | 8,304 | 2,094 | 2,000 | 2,000 | 12 | 3,725 |
| South Africa | 15,266 | 15,250 | 15,332 | 15,840 | 8,332 | 8,210 |
| Spain | 42,126 | 36,856 | 37,674 | 36,733 | 34,065 | 34,217 |
| Sri Lanka | 5,398 | 5,391 | 5,700 | 5,700 | 12,291 | 9,480 |
| Sudan | 19,896 | 18,851 | 19,900 | 18,901 | 8,686 | 17,371 |

| | | | | | | |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| Suriname | 444 | 444 | 549 | 542 | 616 | 198 |
| Swaziland | 421 | 421 | 499 | 499 | 128 | 198 |
| Sweden | 1,607 | 1,607 | 1,616 | 1,535 | 475 | 839 |
| Switzerland | 552 | 552 | 503 | 580 | 12 | 295 |
| Syrian Arab Republic | 15,931 | 15,248 | 13,418 | 13,490 | 15,892 | 5,670 |
| Taiwan | 4,088 | 4,058 | 3,795 | | 3,564 | 4,990 |
| Tajikistan | 7,271 | 6,949 | 7,301 | 7,307 | 5,947 | 3,832 |
| Thailand | 67,449 | 60,696 | 61,148 | 57,005 | 74,231 | 66,106 |
| The former Yugoslav Republic of Macedonia | 1,887 | 1,305 | 1,096 | 914 | 1,345 | 1,698 |
| Timor-Leste | 341 | 341 | 343 | 347 | 47 | 38 |
| Togo | 86 | 86 | 70 | | 20 | 217 |
| Trinidad and Tobago | 30 | 30 | 64 | 70 | 0 | 19 |
| Tunisia | 4,841 | 4,685 | 4,230 | 4,452 | 3,821 | 1,091 |
| Turkey | 61,036 | 54,001 | 51,139 | 51,615 | 22,122 | 17,534 |
| Turkmenistan | 33,644 | 20,162 | 19,544 | 19,910 | 11,483 | 15,224 |
| Uganda | 120 | 80 | 120 | 101 | 4 | 300 |
| Ukraine | 24,073 | 24,073 | 22,327 | 22,563 | 11,770 | 29,956 |
| United Arab Emirates | 2,414 | 2,396 | 1,863 | 1,593 | 41 | 938 |
| United Kingdom | 2,430 | 2,430 | 1,899 | 1,145 | 233 | 9,707 |
| United Republic of Tanzania | 1,802 | 1,737 | 1,795 | 1,843 | 567 | 470 |
| United States | 285,447 | 279,020 | 267,401 | 267,630 | 226,636 | 280,455 |
| Uruguay | 2,395 | 2,395 | 2,149 | 2,095 | 5,400 | 3,814 |
| Uzbekistan | 56,300 | 38,845 | 42,082 | 41,980 | 36,596 | 36,015 |
| Venezuela | 7,226 | 7,168 | 8,843 | 8,126 | 6,275 | 8,949 |
| Viet Nam | 47,074 | 42,847 | 42,739 | 45,850 | 54,965 | 43,840 |
| Yemen | 12,630 | 8,658 | 6,221 | 6,801 | 1,632 | 917 |
| Zambia | 1,459 | 1,440 | 1,513 | 1,559 | 20 | 8 |
| Zimbabwe | 1,851 | 1,846 | 1,740 | 1,735 | 163 | 47 |
| Sum | 3,674,478 | 3,007,038 | 3,076,937 | 2,962,922 | 3,141,000 | 3,983,979 |