| | | | | | | | | | | | | | | | | | | | | | | | | | | Υ | /eai | r | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|----|-----|-------|----|----|-------|------|-----|----|------|------------|------------|-------|-------|-----|----------|----|------|----------|-----|----|----|------|-------------|----|------|--------|------|------|-------|----|----|----|------|------|------|------|-----|-----|-----|------|----|----|----|----|----|----|----|------|------|------|-------|
| Country | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 9 | 93 ! | 94 9 | 95 9 | 6 9 | 7 9 | 8 9 | 99 (| 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 (| 0 80 | 9 1 | 10 11 |
| Argentina | 1 | N | N | • | N | N | • | N | N | N | N | N | N | N | N | N | N | N | N | N | Ν | N | N | N | N | N | N | N | N | N | Ν | N | N | N | N | N | N (| • | R | R | R | R | R | R | R | R | R | R | R | R F | RI | R R |
| Belize | 1 | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | • | R | R | R | R | R | R | R | • | 1 | L | L | • | R | R I | R | R | R | • | R | R | R | R | R | R | R | R F | R I | R R |
| Bolivia | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | 1 | L | L | 1 | • | R | R | • | R | R | R | R | R | R | RF | R | RR |
| Brazil | | 1 | Ν | Ν | • | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | -1 | ${\bf I}_i$ | 1 | 1 | 1 | 1 | ٠ | R | R | R | R | R | R | R | R | R I | R | R | R | R | R | R | R | R | R | • | R | R F | R | R R |
| Colombia | 1 | 1 | - 1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | T | T | 1 | 1 | 1 | T | L | L | L | L | l | L | Ĺ | ı | L | • | R | R | R | R | R | R | R F | R | R R |
| Costa Rica | 1 | N | Ν | Ν | Ν | N | N | Ν | ٠ | Ν | Ν | • | Ν | N | N | Ν | N | Ν | Ν | Ν | Ν | N | Ν | Ν | N | N | N | N | Ν | N | • | Ν | Ν | • | R | R | R | R I | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Dominican Republic | 1 | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | Ī | 1 | ĵ | Ţ | ì | 1 | 1 | 1 | 1 | • | N | N | • | Ν | N | Ν | N | N | Ν | N | N | N | N | N I | N | N | N | N | N | N | N | N | N | N | N | N 1 | N | N N |
| Ecuador | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | • | R | R | R | R | R | R | R | R | R | R | R | • | N | N | N | N | • | R | R | R | R | R | R | R F | R | RR |
| El Salvador | 1 | 1 | -1 | 1 | T | T. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R I | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| French Guiana | 1 | 1 | -1 | ï | Ĭ | į. | 1 | ī | ī | 1 | 1 | 1 | 1 | ī | ï | ï | ī | Ĩ | ī | 1 | 1 | 1 | 1 | 1 | 1 | Ī | 1 | • | N | N | • | R | R | R | R | R | R | R I | R | R | R | R | R | R | R | R | R | R | R | • 1 | N | N N |
| Guatemala | 1 | N | Ν | Ν | Ν | N | Ν | • | R | R | R | R | R | R | R | R | • | 1 | 1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R I | R | R | R | R | R | R | R | R | • | R | R | R | R | RR |
| Guyana | 1 | 1 | -1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | • | Ν | Ν | • | Ν | Ν | Ν | Ν | N | N | N (| • | R I | R | R | R | R | R | R | R | R | R | R | R | R • | • | N N |
| Haiti | | | | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | N | Ν | Ν | • | Ν | Ν | Ν | Ν | N | N | Ν. | | N I | N | N | N | N | N | | | • | L | L | 1 | l . | L | 1 1 |
| Honduras | 1 | 1 | -1 | 1 | 1 | Ī | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| Mexico | 1 | 1 | -1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | • | 1 | 1 | -1 | 1 | 1 | 1 | • | Ν | Ν | Ν | • | R | R | • | R | R | R | R I | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Nicaragua | 1 | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | N | Ν | N | N | Ν | Ν | Ν | Ν | Ν | • | N | N | N · | • | R | R | R | R | R | R | R | R | R | R | R | R | R I | RR |
| Panama | 1 | R | R | R | R | • | N | Ν | Ν | Ν | • | R | R | R | R | R | R | R | • | Ν | Ν | N | Ν | Ν | N | Ν | N | N | Ν | Ν | N | Ν | Ν | N | N | N | N | N I | N | N | N | • | N | Ν | N | • | R | R | R | R F | R | RR |
| Paraguay | 1 | 1 | -1 | 1 | 1 | L | 1 | 1 | • | R | R | R | • | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | N | N | N | N | N I | N | N | N | N | N | N | N | N | N | N | N | 1 N | N I | N N |
| Peru | 1 | -1 | - 1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | L | L | L | 1 | • | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Suriname | 1 | N | Ν | N | N | N | N | N | N | Ν | N | N | N | N | N | N | N | N | N | Ν | Ν | N | Ν | Ν | N | N | N | N | N | N | • | 1 | T | L | L | 1 | L | l . | I | I | ı | L | • | R | R | R | R | R | R | R F | R | R R |
| Venezuela | 1 | -1 | -1 | -1 | 1 | T | 1 | 1 | 1 | -1 | 1 | 1 | • | R | R | R | R | R | R | R | R | • | -1 | 1 | 1 | T | 1 | Ţ | 1 | 1 | 1 | • | N | N | • | L | l. | L | L | L | L | L | L | 1 | T | 1. | L | L | 1 | Į. | L | 1 1 |
| | | | ÷ | H | | | | | ÷ | ÷ | | | ÷ | | | | | | | _ | | | - | | | | | | | | | | | | | | | | | | | | | | | | - | | _ | | - | _ |
| Reduction | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 4 | 3 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 5 | 7 | 7 | 8 | 8 1 | 12 | 12 | 13 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 17 | 16 1 | 15 1 | 5 15 |
| Not | | | 1 | L | | | | | L | L | L | 1 | L | | | | | | | I. | I. | 1 | L | L | | | | | | | | | П | П | П | П | | | | | | | | | | | | | | | | |
| Significant | | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | ■ 5 ■ | 6 | 6 | 6 | 6 | ■ 6 | 7 | 8 | 8 | 10 | 9 | 11 | 7 | 8 | 9 | 7 | 7 | 7 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 4 4 |
| Increase | - | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 11 | 11 | 1 1 | 1 0 | 9 | 9 | 10 | 10 | 12 | 13 | 13 | 12 | 13 | 13 | 14 | 11 | 10 | 8 | 7 | 6 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 6 | 6 | 4 | 4 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 2 |
| | R- | Red | ducti | on | | l- In | crea | ase | | N- I | No s | sign | ifica | nt tr | end | | 1 | Miss | ing | Dat | а | • | Joir | npoi | nt | 1 Fi | irst y | rear | of s | serie | S | | | | | | | | | | | | | | | | | | | | | |

Supplemental Table 1. Malaria trend (API) by year and country in the Americas and number of countries with type of trend, 1959–2011.

| | | | | | | | | | | | | | | | | | | | | | | | | | | ١ | /ea | r | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----|-----|-------|----|----|-------|------|-----|----|------|------|------|-------|-------|-----|----|----|------|-----|-----|----|----|------|-----|----|-----|--------|------|------|-------|----|------|------|-------|------|-----|-----|-----|-----|----|----|----|------------|----|----|----|----|----|------|------|-------|
| Country | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 8 | 89 | 90 9 | 91 9 | 92 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 0 | 09 1 | 10 11 |
| rgentina | 1 | R | R | R | R | R | R | R | R | R | • | 1 | -1 | -1 | 1 | 1 | 1 | 1 | -1 | 1 | -1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | • | N | N | N N | N | N | N | N | N | N | N | N | N | N | N | N | N | N | Ν. | | N N |
| Belize | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | • | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | I I | - 1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| Bolivia | 1 | -1 | -1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | L | 1 | 1 | 1 | 1 1 | -1 | -1 | -1 | -1 | • | R | R | R | • | Ν | N | N | N | Ν | N | N | N N |
| Brazil | | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | L | 1 | 1 | 1 | 1 1 | -1 | -1 | -1 | -1 | -1 | • | N | N | • | Ν | N | • | R | R | R | R | R R |
| Colombia | 1 | -1 | - 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | 1 | 1 | - 1 | -1 | 1 | 1 | 1 | 1 | 1 | • | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | L | 1 | 1 | 1 | 1 1 | - 1 | -1 | -1 | -1 | | 1 | • | R | R | R | R | R | R | R | R | R | R R |
| Costa Rica | 1 | R | R | R | • | Ν | N | Ν | • | R | R | • | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | -1 | -1 | -1 | -1 | -1 | -1 | 1 | -1 | -1 | -1 | 1 | • | R | R | R | R | R R |
| ominican Republic | 1 | N | • | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Ţ | Ţ | 1 | 1 | 1 | 1 | 1 | • | Ν | N | • | 1 | į | L | 1 | I. | L | 1 1 | -1 | -1 | 1 | 1 | 1 | 1 | į | 1 | -1 | 1 | 1 | I | 1 | 1 | Ĺ | ı | 1 1 |
| cuador | 1 | R | R | R | R | R | • | Ν | N | • | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | • | N | N | N | N | N | N | N | N N | N | N | N | Ν | N | N | N | Ν | • | R | R | R | R | R | R | R | R R |
| Salvador | 1 | 1 | - 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | R R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| rench Guiana | | 1 | 1 | ï | ï | Ĭ | 1 | ī | 1 | 1 | 1 | ï | 1 | T | T | 1 | ï | ï | ï | ī | 1 | 1 | 1 | T | í | ī | T | ī | ï | į, | • | N | N • | • N | N | N | N | N | | N | N | N | N | N | N | • | N | N | • | R | R R |
| Suatemala | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | • | Ν | N | Ν | Ν | Ν | Ν | N | • | 1 | Ī | 1 | 1 | 1 | 1 1 | -1 | -1 | -1 | -1 | | 1 | 1 | -1 | -1 | -1 | 1 | • | R | R | R | R | R R |
| Suyana | 1 | N | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | N | Ν | • | Ν | Ν | • | N | N | N | N | Ν | N • | N | N | N | Ν | • | N | N | N | Ν | Ν | Ν | Ν | N | N | Ν | N | N | N N |
| laiti | | | | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | 1 1 | - 1 | -1 | -1 | -1 | -1 | -1 | 1 | -1 | -1 | | • | Ν | N | Ν | N | N | N N |
| londuras | 1 | -1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | Ν | Ν | • | 1 | 1 | 1 | Î. | 1 | 1 | 1 | 1 1 | -1 | -1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| 1exico | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | • | Ν | N | N | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| licaragua | 1 | N | Ν | Ν | Ν | N | N | Ν | Ν | Ν | Ν | N | N | N | Ν | N | Ν | Ν | Ν | N | Ν | • | Ν | Ν | • | 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | 1 1 | - 1 | - 1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R R |
| anama | 1 | R | R | R | R | • | Ν | Ν | Ν | Ν | • | R | R | • | N | N | N | Ν | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | N | Ν | N | N | N | N | N | N N | N | N | • | -1 | -1 | -1 | 1 | -1 | -1 | -1 | • | R | R | R | R | R | R R |
| araguay | 1 | 1 | - 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | ٠ | N | N | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | N | N | N | Ν | N | N N | N | N | N | N | N | Ν | N | Ν | Ν | Ν | N | Ν | Ν | Ν | N | N | N N |
| eru | 1 | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - 1 | 1 | 1 | 1 | 1 | 1 | • | Ν | Ν | N | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | • | R | R | R | R | R | R | ٠ | N | Ν | Ν | Ν | Ν | Ν | Ν | N | N | Ν |
| uriname | 1 | N | Ν | Ν | Ν | N | N | Ν | Ν | Ν | Ν | N | Ν | N | N | N | Ν | Ν | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | 1 | 1 1 | - 1 | -1 | -1 | -1 | -1 | -1 | 1 | • | R | R | R | R | R | R | R | R | R R |
| enezuela | 1 | -1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | L | 1 | 1 | 1 | • | N | N | N I | N • | -1 | -1 | -1 | -1 | -1 | -1 | 1 | -1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | L | 1 1 |
| | | _ | _ | | | | | | | | _ | _ | _ | | | | | | | | | _ | | | | | _ | | _ | _ | _ | _ | _ | - | | | | | | _ | _ | _ | _ | _ | _ | _ | _ | | | _ | |
| Reduction | | 7 | 8 | 9 | 7 | 6 | 5 | 5 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 : | 2 3 | 3 3 | 3 4 | . 6 | 6 | 7 | 6 | 7 | 7 | 8 | 8 | 9 | 12 | 12 | 12 | 13 | 13 13 |
| lot Significant | | 4 | 3 | 3 | 3 | 4 | 5 | 6 | 5 | 4 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 6 | 5 | 5 | 5 | 6 | 5 | 4 | 5 | 5 | 5 | 5 | 7 | 7 | 5 | 6 | 6 | 5 | 5 4 | 1 4 | 5 | 6 | 7 | . 6 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 6 |
| ncrease | | 7 | 8 | 8 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 12 | 11 | 13 | 13 | 14 | 13 | 14 | 13 | 13 | 14 | 14 | 14 | 11 | 12 | 12 | 12 1 | 1 12 | 2 1 | 9 | 10 | 7 | 8 | 7 | | ; e | 5 | 4 | 2 | 2 | 2 | 2 | 2 | 2 2 |
| | R- | Rei | ducti | on | | I- In | crea | ase | | N- I | Vo s | sign | ifica | nt tr | end | _ | | Miss | ing | Dat | а | • | Join | poi | nt | 1 F | irst j | /ear | of s | eries | s | | | | | | | | | | | _ | | | | _ | _ | | | | Ē |

SUPPLEMENTAL TABLE 2. Slide positivity rate trend for malaria by year and country in the Americas and number of countries with type of trend, 1959–2011.

| | | | | | | | | | | | | | | | | | | | | | | | | | | Υ | ear | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|----|----|-------|----|----|-------|------|-----|----|------|------|-------|------|-------|-----|----|----|------|-----|------|----|------------------------|------|------|------|----|-----|-------|------|-------|-------|-------|------|------|-----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|-----|------|
| Country | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 8 | 88 8 | 39 9 | 90 9 | 91 9 | 2 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 (| 08 0 | 9 1 | 0 11 |
| Argentina | 1 | N | N | • | N | N | • | Ν | N | N | Ν | N | N | N | N | N | N | N | N | N | Ν | N | N | N | N | N | N | N | N | N | N | N I | N N | I N | N | N | • | R | R | R | R | R | R | R | R | R | R | R | R F | ٦ F | R R |
| Belize | 1 | N | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | • | 1 1 | - 1 | • | R | R | R | R | ٠ | R | R | R | R | R | R | R | R | R F | R | RR |
| Bolivia | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | 1 | 1 | L | 1 1 | - 1 | -1 | -1 | -1 | -1 | • | Ν | Ν | • | R | R | R | R | R | R | R F | R | RR |
| Brazil | | 1 | Ν | Ν | ٠ | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | 1 | L | L | 1 | • | N I | N N | I N | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | N | ٠ | R | R F | R F | R R |
| Colombia | 1 | -1 | - 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | T | T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Ĺ | T | L | L | L | L | I | 1 1 | - 1 | -1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Costa Rica | 1 | N | Ν | N | Ν | N | Ν | Ν | • | R | R | • | N | N | Ν | N | N | Ν | N | N | Ν | Ν | N | Ν | Ν | N | N | N | N | N | • | N I | N • | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | RR |
| Ecuador | 1 | 1 | - 1 | 1 | 1 | L | 1 | 1 | 1 | -1 | • | R | R | R | ٠ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ٠ | R | R | R | R | R | R I | R F | R | R | R | R | ٠ | 1 | 1 | 1 | • | R | R | R | R | R | R | R F | R | R R |
| El Salvador | 1 | 1 | - 1 | Ť | 1 | Ī | 1 | • | Ν | Ν | Ν | N | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | N | Ν | • | R | R | R | R | R | R | R | R I | R F | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | RR |
| French Guiana | | 1 | 1 | 1 | Ţ | ï | ì | ï | T | 1 | 1 | 1 | Ť | Ī | 1 | Ĩ | Ī | 1 | Ţ | 1 | T | 1 | T | T | L | L | 1 | • | Ĺ | L | Ĺ | • | R F | • | N | N | N | N | N | N | N | N | N | • | Ν | N | ٠ | R | R F | R 1 | R R |
| Guatemala | 1 | N | N | N | Ν | N | Ν | • | R | R | R | R | R | R | R | R | • | 1 | 1 | • | R | R | R | R | R | R | R | R | R | R | R | R I | R F | R | R | R | R | R | R | R | R | R | R | R | R | • | R | R | R F | R | RR |
| Guyana | 1 | 1 | - 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Ţ, | Į. | 1 | L | L | L. | I. | ı | 1 1 | - 1 | -1 | • | N | Ν | Ν | • | Ν | Ν | Ν | N | Ν | • | N | N | • 1 | 1 1 | N N |
| Honduras | 1 | N | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | N | N | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | N | N | N | N | N | N I | N N | I N | N | N | • | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Mexico | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | • | R | R | R | R | R | R | R | ٠ | 1 | 1 | 1 | 1 | 1 | 1 | • | N | N | N | • | R I | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | RR |
| Nicaragua | 1 | N | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | N | N | Ν | Ν | N | Ν | Ν | Ν | N | Ν | N | N | Ν | Ν | N | N | N | Ν | N | N | N I | N • | N | Ν | Ν | • | R | R | R | R | R | R | R | R | R | R | R | R F | R | RR |
| Panama | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | • | N | N | • | Ν | N | N | N I | N N | I N | N | N | N | • | 1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R F | ٦ F | R R |
| Paraguay | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | • | R | R | R | R | • | Ν | N | N | Ν | Ν | N | Ν | N | N | Ν | Ν | N | N | N | N | N | N | N I | N N | I N | N | N | N | N | Ν | ٠ | R | R | R | R | R | R | R | R | R F | R | R R |
| Peru | 1 | 1 | - 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T. | L | 1 | 1 | I. | 1 | L | L | • | - 1 | -1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | R R |
| Suriname | 1 | 1 | - 1 | 1 | 1 | L | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | L | T | L | L | • | N | N | • | - 1 | - 1 | -1 | -1 | -1 | ٠ | R | R | R | R | R | R | R | R | R | R F | R | RR |
| Venezuela | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | 1 | • | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | 1 | 1 | L | L | 1 | • | N I | N N | • | -1 | -1 | -1 | -1 | 1 | -1 | 1 | 1 | -1 | 1 | 1 | 1 | T | 1 | 1 | ı | 1 1 |
| | | | 1 | | | | | _ | | | | | | | | | | | | _ | | | | | | | | | | | - | | | | | ÷ | | | | _ | _ | | _ | | | | | _ | | | _ |
| Reduction | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 5 | 5 5 | 6 | 8 | 10 | 10 | 10 | 12 | 12 | 14 | 14 | 14 | 14 | 15 | 17 | 17 1 | 7 1 | 7 17 |
| Not Significant | | e | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 6 | 9 | 8 | 6 6 | 7 | 7 | 5 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 1 | 0 | 1 | 1 1 |
| Increase | | 10 | 11 | 11 | 11 | 11 | 11 | 10 | 9 | 9 | 8 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 10 | 9 | 10 | 10 | 11 | 10 | 10 | 9 | 8 | 7 | 8 | 7 | 5 | 4 | 4 | 6 6 | 6 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 |
| | R- | Re | ducti | on | | l- In | crea | ase | | N- I | No s | signi | fica | nt tr | end | | 1 | Miss | ing | Data | а | Jo | oint | poir | t ye | ar | | 1 Fir | st y | ear (| of se | eries | 3 | | | | | | | | | | | | | | | | | | |

Supplemental Table 3. *Plasmodium vivax* incidence trend for malaria by year and country in the Americas and number of countries with type of trend, 1959–2011.

| _ | | | | | | | | | | | | | | | | | | | | | | | | | | , | /ea | r | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|----|-----|-------|----|----|-------|-----|-----|----|------|------|-------|-------|-------|-----|----|----|------|------|-----|----|-----|------|-----|------|-------|-----|----|----|----|----|----|----|------|-----|-----|-----|-----|------|-----|-----|-----|------|------|-----|----|-----|-----|----|----|----|----|
| Country | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 9 | 3 9 | 4 9 | 5 9 | 6 9 | 7 98 | 99 | 00 | 01 | 1 02 | 2 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 |
| Belize | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | ٠ | -1 | -1 | -1 | ٠ | R | R | R | R | R | R | ٠ | T | L | l | 1 | • F | ₹ F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Bolivia | 1 | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | Ν | N | Ν | Ν | Ν | Ν | N | N | Ν | Ν | N | • | 1 | 1 | 1 | ı | 1 1 | - 1 | • | R | R | • | N | l N | Ν | Ν | N | Ν | Ν | Ν | Ν | N |
| Brazil | | 1 | Ν | Ν | • | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | -1 | -1 | 1 | -1 | 1 | -1 | 1 | 1 | 1 | 1 | • | R | R | R | R F | R | R F | R F | F | R | R | R | R | • | N | N | • | R | R | R | R | R | R |
| Colombia | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | T | 1 | 1 | 1 | 1 | -1 | -1 | 1 | -1 | 1 | -1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | 1 | ľ | ı | 1 | - 1 | - 1 | -1 | 1 | - 1 | • | R | R | R | R | R | R | R | R | R |
| Costa Rica | 1 | R | R | R | R | R | R | R | • | 1 | 1 | T | 1 | 1 | 1 | -1 | -1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R F | R F | R F | F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Dominican Republic | 1 | R | R | R | R | R | R | R | • | 1 | 1 | Ţ | Í | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | • | Ν | Ν | • | N | N | Ν | N | Ν | Ν | N N | 1 1 | 1 1 | N N | 1 1 | I N | N | N | N | l N | l N | N | N | N | Ν | Ν | Ν | Ν | N |
| Ecuador | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | 1 | -1 | -1 | -1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 1 | ٧ • | N | I N | • | R | R | R | R | R | R | R | R | R | R | R | R |
| El Salvador | 1 | N | Ν | Ν | ٠ | Ν | Ν | ٠ | Ν | Ν | ٠ | 1 | 1 | 1 | 1 | -1 | • | R | R | R | R | R | R | R | R | • | R | R | R | R | R | R | R | R F | R F | R F | R F | F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| French Guiana | | 1 | 1 | 1 | T | T | 1 | 1 | 1 | 1 | 1 | T | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | T | 1 | 1 | 1 | T | 1 | • | • F | R F | ₹ F | R | R | R | R | R | R | • | R | R | R | R | R | R | R |
| Guatemala | 1 | 1 | - 1 | 1 | 1 | ٠ | R | R | R | R | R | R | R | R | • | -1 | T | 1 | 1 | • | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R | R F | R F | F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Guyana | 1 | N | N | N | N | Ν | Ν | Ν | Ν | Ν | Ν | Ν | N | Ν | N | Ν | N | Ν | Ν | Ν | Ν | N | Ν | Ν | N | • | N | N | • | Ν | N | Ν | N | N 1 | 1 1 | ٧ • | F | F | R | R | R | R | R | R | R | R | R | R | R | • | Ν | N |
| Haiti | | | | 1 | 1 | 1 | 1 | 1 | 1 | -1 | T | 1 | 1 | 1 | 1 | -1 | -1 | 1 | -1 | 1 | -1 | 1 | -1 | 1 | ٠ | Ν | N | ٠ | N | Ν | Ν | Ν | Ν | N 1 | 1 1 | ١. | 1 | 1 1 | I N | N | N | N | | | • | 1 | -1 | - 1 | 1 | 1 | 1 | 1 |
| Honduras | 1 | R | R | R | R | ٠ | 1 | 1 | 1 | -1 | 1 | • | N | N | • | -1 | -1 | -1 | -1 | 1 | -1 | • | R | R | R | R | R | R | • | Ν | N | N | Ν | N N | 1 1 | 1 1 | N 1 | 1 1 | I N | N | N | N | l N | l N | N | N | N | Ν | Ν | N | Ν | N |
| Mexico | 1 | R | R | R | R | R | R | R | ٠ | Ν | Ν | ٠ | N | N | ٠ | -1 | -1 | 1 | -1 | -1 | -1 | 1 | - 1 | -1 | -1 | 1 | ٠ | N | N | ٠ | R | R | R | R F | R F | R F | R F | F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Nicaragua | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R F | R F | R F | R F | F | R | R | R | R | R | R | R | R | R | R | R | R | R | R |
| Panama | 1 | N | N | Ν | N | N | • | Ν | N | N | ٠ | R | R | R | R | R | R | R | R | R | • | 1 | -1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ı | 1 | 1 1 | - 1 | - 1 | - 1 | 1 | - 1 | - 1 | - 1 | - 1 | -1 | -1 | -1 | 1 | 1 | 1 | 1 |
| Paraguay | 1 | 1 | -1 | 1 | Ţ | 1 | 1 | 1 | ٠ | R | R | R | R | R | ٠ | N | N | Ν | N | N | N | N | N | N | N | N | N | N | N | Ν | N | N | N | N N | 1 1 | 1 1 | N N | 1 1 | I N | N | N | N | l N | l N | N | N | N | N | Ν | N | N | N |
| Peru | 1 | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | • | 1 | 1 | 1 | ' | • | 1 1 | - 1 | • | R | R | • | N | l N | • | R | R | R | R | R | R | R |
| Suriname | 1 | N | N | Ν | N | N | N | Ν | N | Ν | N | N | N | N | N | N | N | Ν | N | N | N | N | N | N | Ν | N | N | N | N | • | 1 | 1 | 1 | 1 | ı | ı | 1 1 | - 1 | - 1 | - 1 | 1 | • | R | R | R | R | R | R | R | R | R | R |
| Venezuela | 1 | 1 | -1 | 1 | 1 | 1 | 1 | 1 | 1 | - 1 | 1 | 1 | 1 | • | R | R | R | R | R | R | R | R | ٠ | -1 | T | -1 | 1 | 1 | 1 | • | R | R | R | R | 1 | 1 1 | 1 N | 1 1 | I N | N | N | N | • | - | - 1 | -1 | - 1 | - 1 | -1 | T | 1 | 1 |
| Reduction | | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 5 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 8 | 7 | 7 | 7 | 6 | 6 | 7 | 9 | 9 9 | 1 | 12 | 10 |) 10 | 0 1 | 10 | 12 | 13 | 13 | 13 | 12 | 12 | 12 |
| Not Significant | | 5 | 6 | 6 | 4 | 5 | 4 | 4 | 5 | 6 | 4 | 3 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 7 | 5 | 5 | 6 | | 5 5 | | 5 6 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| Increase | | 5 | 6 | 6 | 7 | 6 | 7 | 7 | 6 | 8 | 8 | 8 | 8 | 7 | 7 | 10 | 9 | 8 | 9 | 8 | 8 | 9 | 9 | 9 | 7 | 7 | 6 | 6 | 6 | 4 | 5 | 6 | 8 | 8 | 7 | 5 | 5 | 5 | 5 3 | 3 3 | 3 3 | | 2 . | 1: | 2 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | R- | Red | lucti | on | | I- In | cre | ase | | N- I | No s | signi | ifica | nt tr | end | | | Miss | sing | Dat | a | 1 / | irst | yea | rofs | serie | es | | | | | | | | | | | | | | | | | | | | | | | | | |

Supplemental Table 4. *Plasmodium falciparum* incidence trend for malaria by year and country in the Americas and number of countries with type of trend, 1959–2011.