

Number of countries in Africa for which resistance was confirmed in at least one population of *Anopheles spp.* via WHO insecticide susceptibility tests [26] §.

| Species or complex | Time period [^] | 2000 and prior | | 2001 - 2003 | | 2004 - 2006 | | 2007 - 2009 | | 2010 - 2012 | |
|---------------------------|--------------------------|----------------|----|-------------|----|-------------|----|-------------|----|-------------|----|
| | Insecticide class | RC | NC | RC | NC | RC | NC | RC | NC | RC | NC |
| <i>An. gambiae s.l.*</i> | Pyrethroids | 8 | 5 | 4 | 3 | 11 | 5 | 21 | 1 | 14 | 1 |
| | Organochlorines | 6 | 5 | 2 | 7 | 11 | 4 | 20 | 1 | 13 | 1 |
| | Carbamates | 1 | 1 | 1 | 2 | 5 | 5 | 9 | 8 | 9 | 5 |
| | Organophosphates | 0 | 3 | 0 | 1 | 4 | 6 | 4 | 13 | 3 | 9 |
| <i>An. gambiae s.s.</i> | Pyrethroids | 3 | 2 | 3 | 0 | 4 | 2 | 7 | 1 | 7 | 0 |
| | Organochlorines | 2 | 2 | 3 | 0 | 6 | 0 | 7 | 0 | 5 | 0 |
| | Carbamates | 1 | 0 | 1 | 1 | 4 | 1 | 4 | 3 | 2 | 1 |
| | Organophosphates | 0 | 2 | 0 | 1 | 2 | 3 | 1 | 5 | 1 | 3 |
| <i>An. arabiensis</i> | Pyrethroids | 1 | 1 | 2 | 1 | 3 | 2 | 6 | 2 | 4 | 1 |
| | Organochlorines | 0 | 2 | 3 | 1 | 4 | 0 | 4 | 3 | 3 | 1 |
| | Carbamates | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 3 | 1 | 3 |
| | Organophosphates | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 1 | 2 |
| <i>An. funestus s.l.*</i> | Pyrethroids | 1 | 4 | 1 | 0 | 2 | 6 | 5 | 2 | 4 | 0 |
| | Organochlorines | 2 | 5 | 0 | 1 | 2 | 7 | 5 | 3 | 1 | 3 |
| | Carbamates | 1 | 1 | 0 | 0 | 1 | 4 | 3 | 3 | 2 | 3 |
| | Organophosphates | 1 | 3 | 0 | 0 | 0 | 3 | 0 | 4 | 0 | 3 |

§ Data sources and extraction, compilation and verification processes are outlined in Methods section

Includes all species within the complex plus non-differentiated species

[^] Refers to year of commencement of field collections

RC = number of countries for which at least one population of the species/complex had confirmed resistance [26] to at least one insecticide of the specified class

NC = number of countries for which no tested population had confirmed resistance [26] to at least one insecticide of the specified class