

Contents

Foreword	iv
Acknowledgements	vii
Abbreviations	xi
Key points	xii
1. Global targets, milestones and indicators	2
2. Investments in malaria programmes and research	7
2.1 Total expenditure for malaria control and elimination	8
2.2 Funding for malaria-related research	11
2.3 Malaria expenditure per capita for malaria control and elimination	12
2.4 Commodity procurement trends	13
3. Preventing malaria	17
3.1 Population at risk sleeping under an insecticide-treated mosquito net	20
3.2 Targeted risk group receiving ITNs	20
3.3 Population at risk protected by indoor residual spraying	20
3.4 Population at risk sleeping under an insecticide-treated mosquito net or protected by indoor residual spraying	22
3.5 Vector insecticide resistance	24
3.6 Pregnant women receiving three or more doses of intermittent preventive therapy	25
4. Diagnostic testing and treatment	27
4.1 Children aged under 5 years with fever for whom advice or treatment was sought from a trained provider	28
4.2 Suspected malaria cases receiving a parasitological test	29
4.3 Suspected malaria cases attending public health facilities and receiving a parasitological test	30
4.4 Malaria cases receiving first-line antimalarial treatment according to national policy	31
4.5 ACT treatments among all malaria treatments	32
4.6 Parasite resistance	32
5. Malaria surveillance systems	35
5.1 Health facility reports received at national level	36
5.2 Malaria cases detected by surveillance systems	37
6. Impact	39
6.1 Estimated number of malaria cases by WHO region, 2000-2015	40
6.2 Estimated number of malaria deaths by WHO region, 2000-2015	42
6.3 Parasite prevalence	45
6.4 Malaria case incidence rate	46
6.5 Malaria mortality rate	47
6.6 Malaria elimination and prevention of re-establishment	48
6.7 Malaria cases and deaths averted since 2000 and change in life expectancy	50
6.8 Economic value of reduced malaria mortality risk, estimated by full income approach	50
Conclusions	52
References	54
Annexes	57