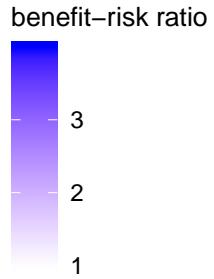
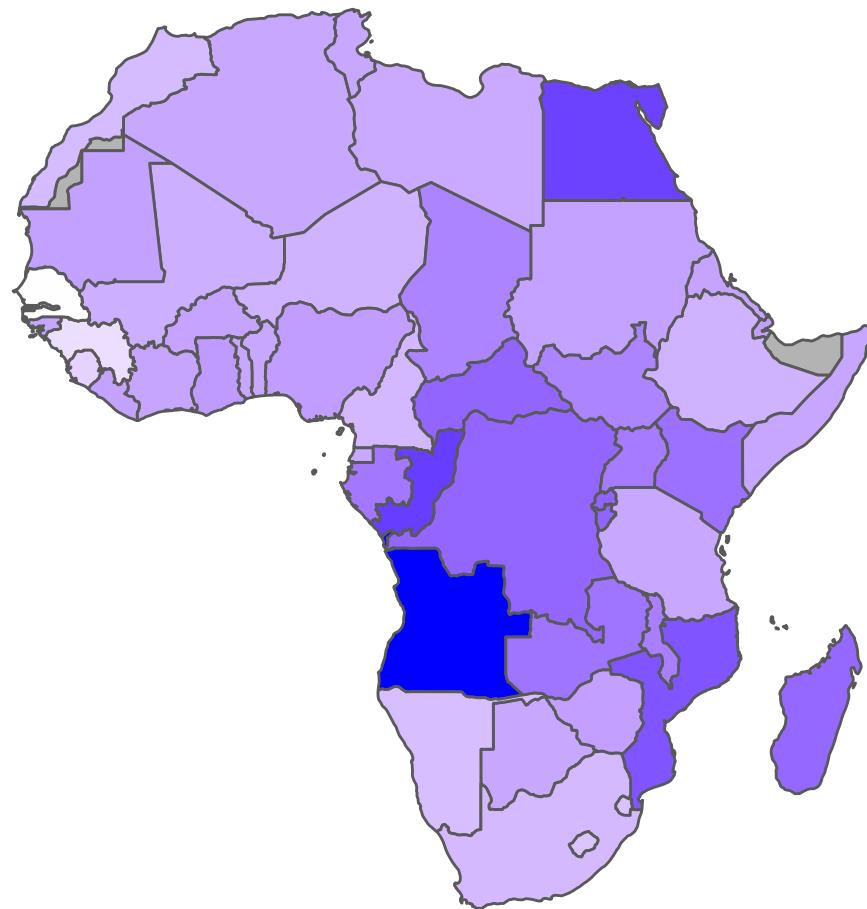


EPI benefits versus COVID–19 risks / benefit_risk_ratio

Diphtheria (DTP3)

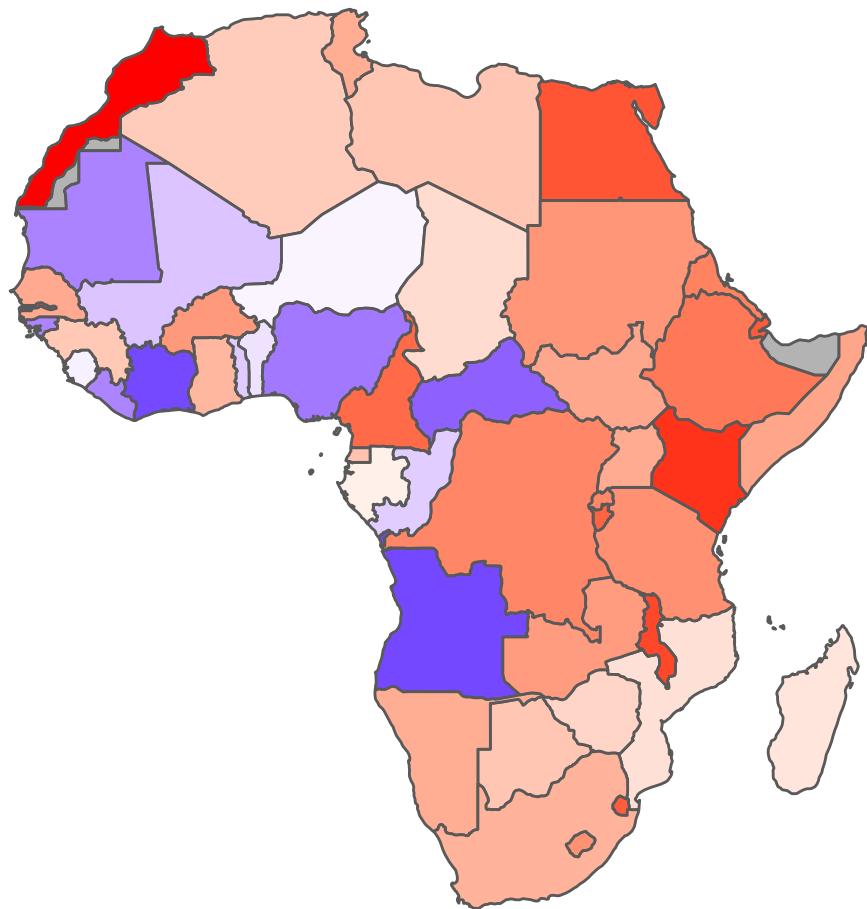
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



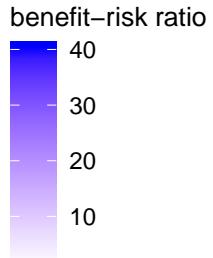
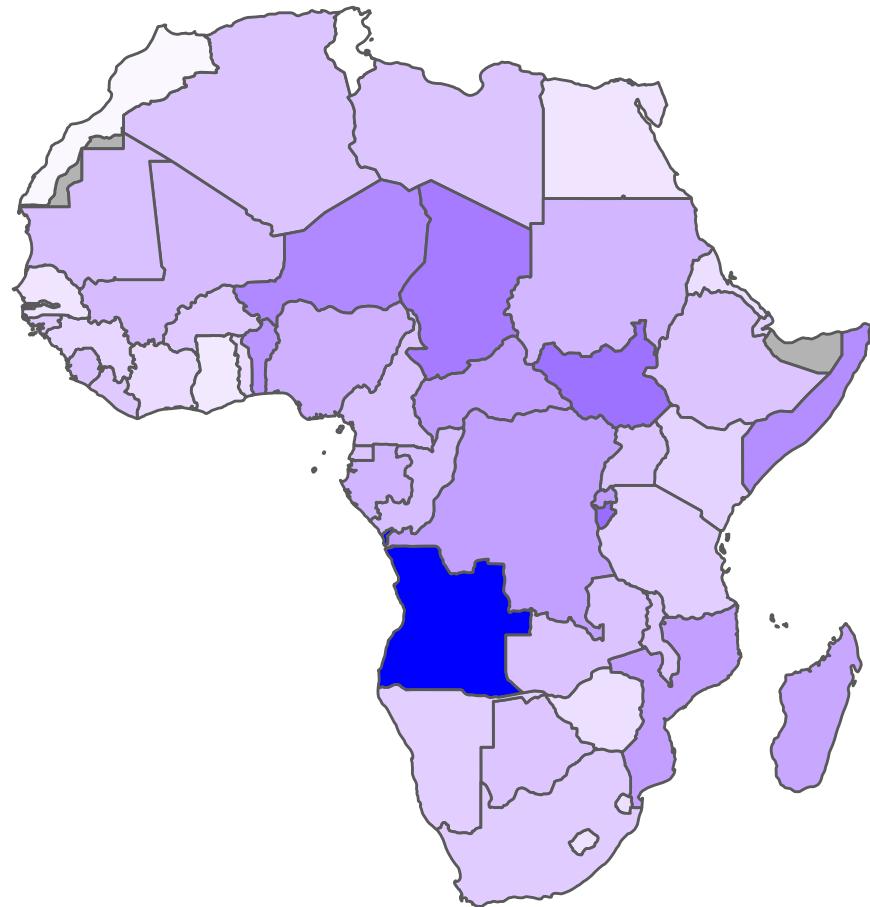
benefit–risk ratio

1.6
1.2
0.8
0.4

EPI benefits versus COVID–19 risks / benefit_risk_ratio

Hib3

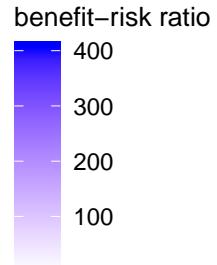
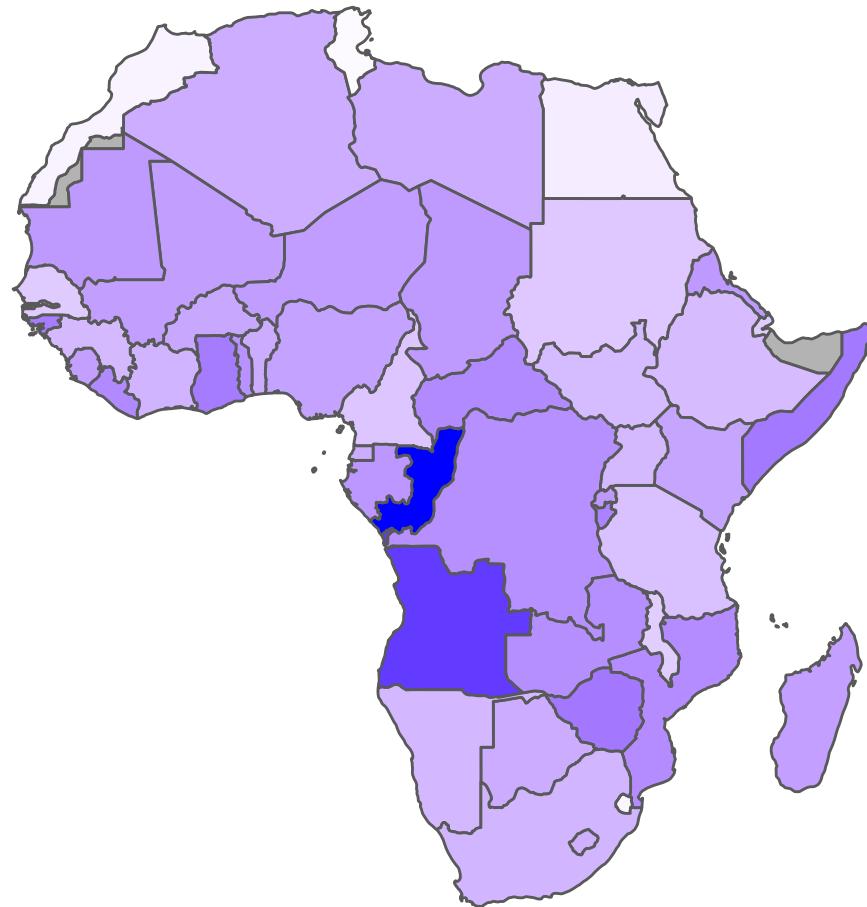
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV1

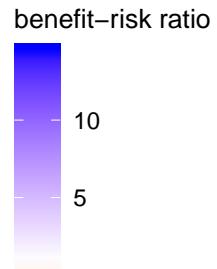
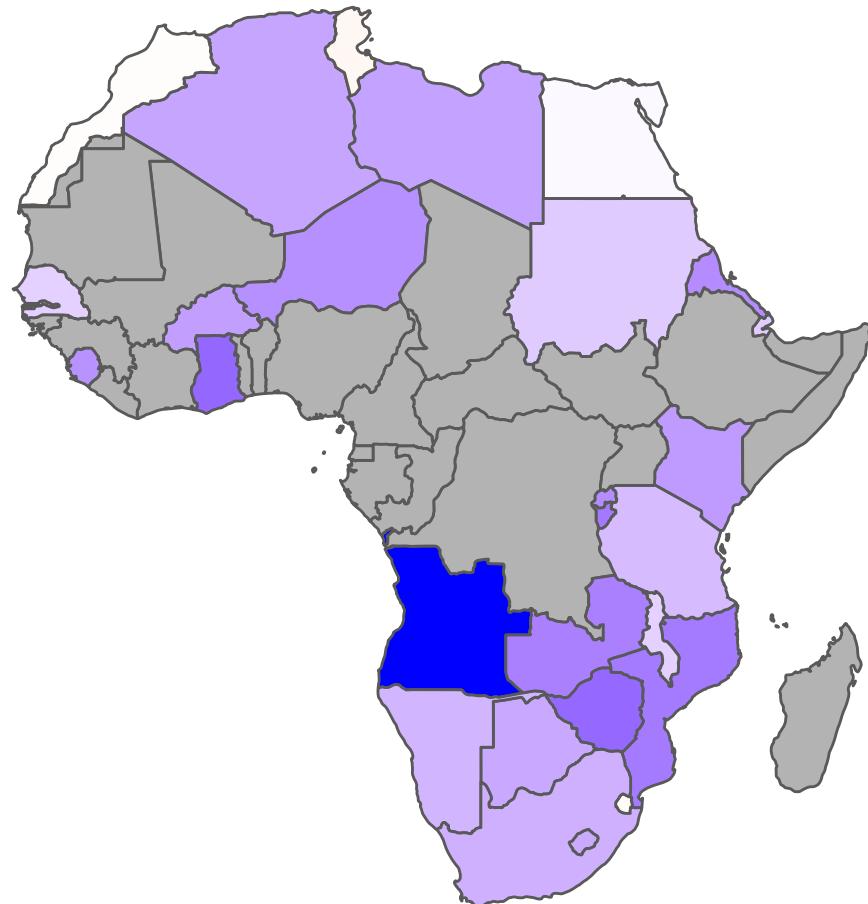
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV2

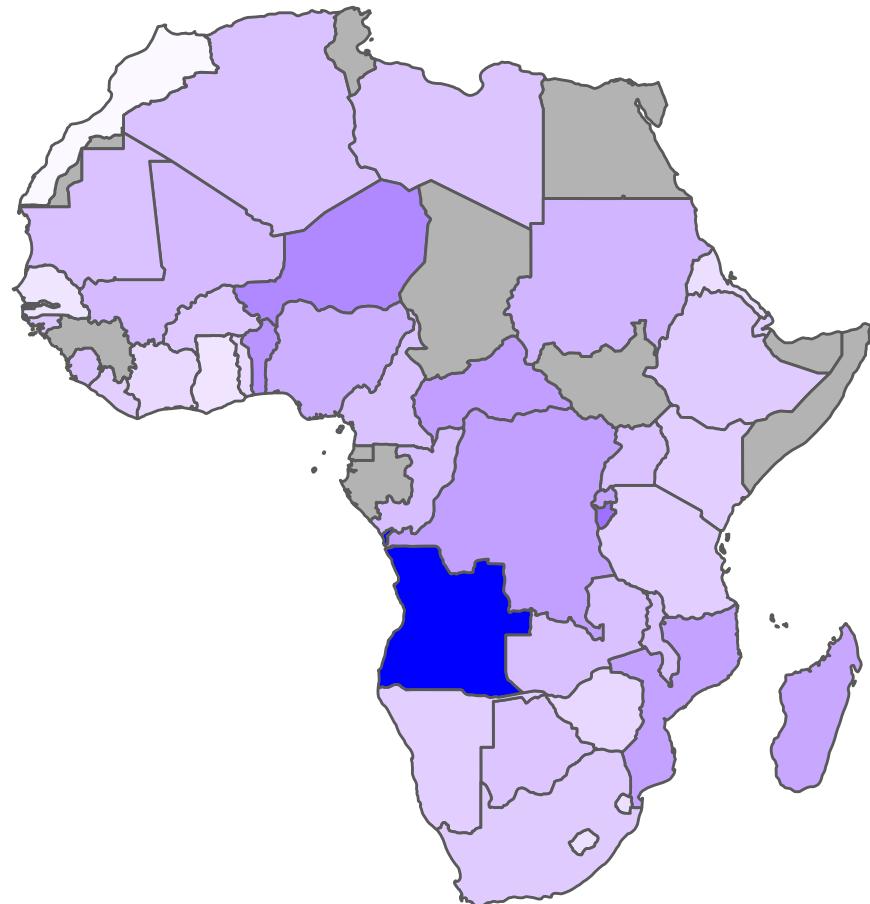
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

PCV3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

30

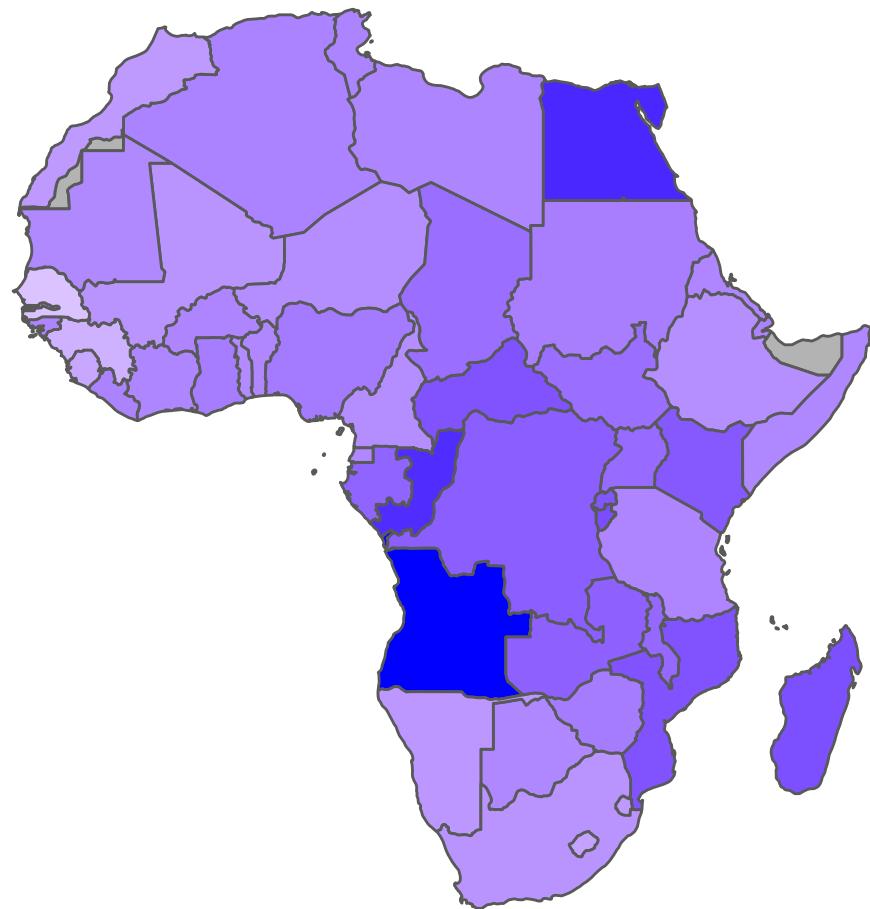
20

10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

Pertussis (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

80

60

40

EPI benefits versus COVID-19 risks / benefit_risk_ratio

RCV1

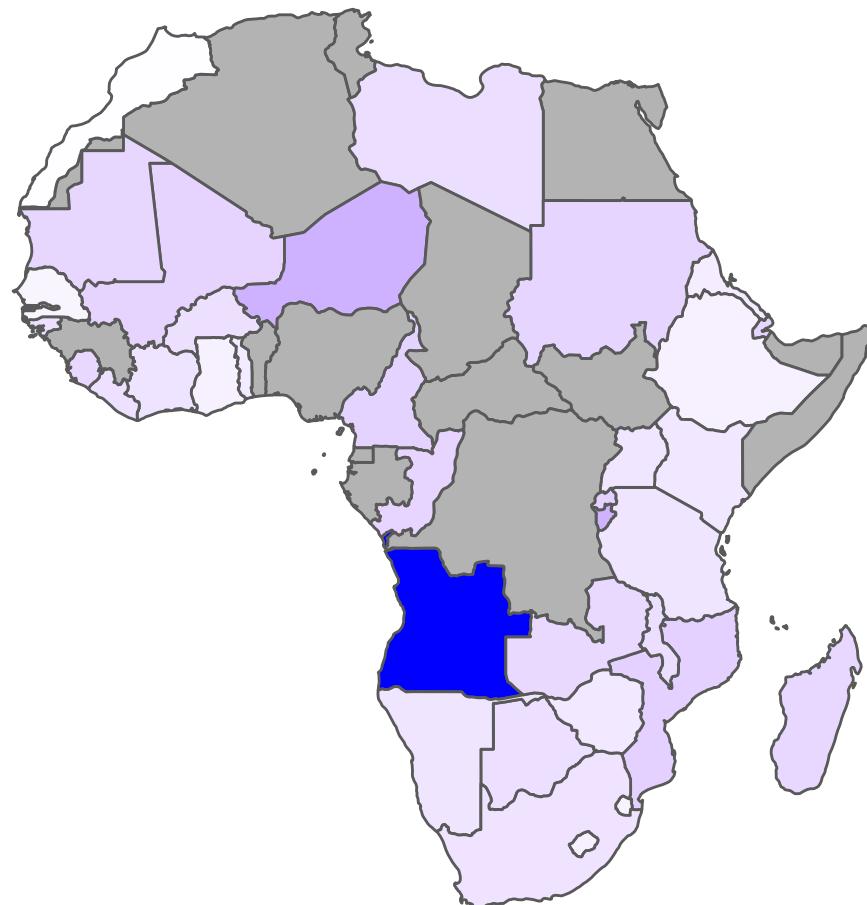
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



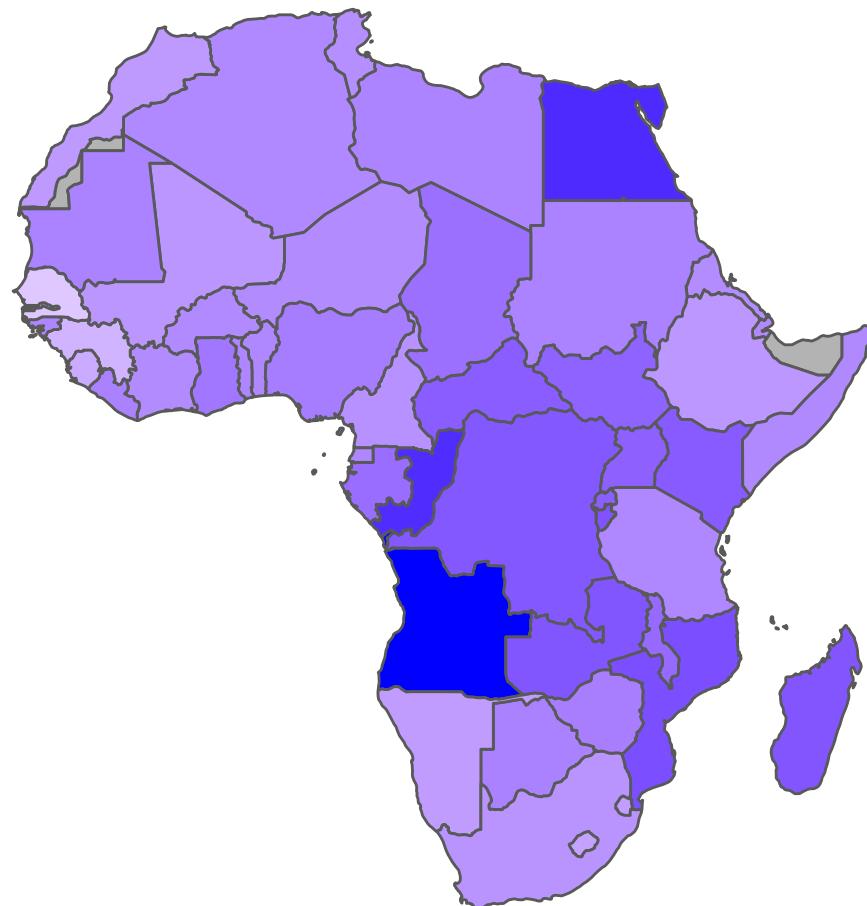
benefit–risk ratio

30
20
10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

Tetanus (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit-risk ratio

20

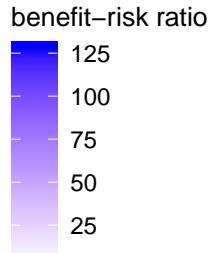
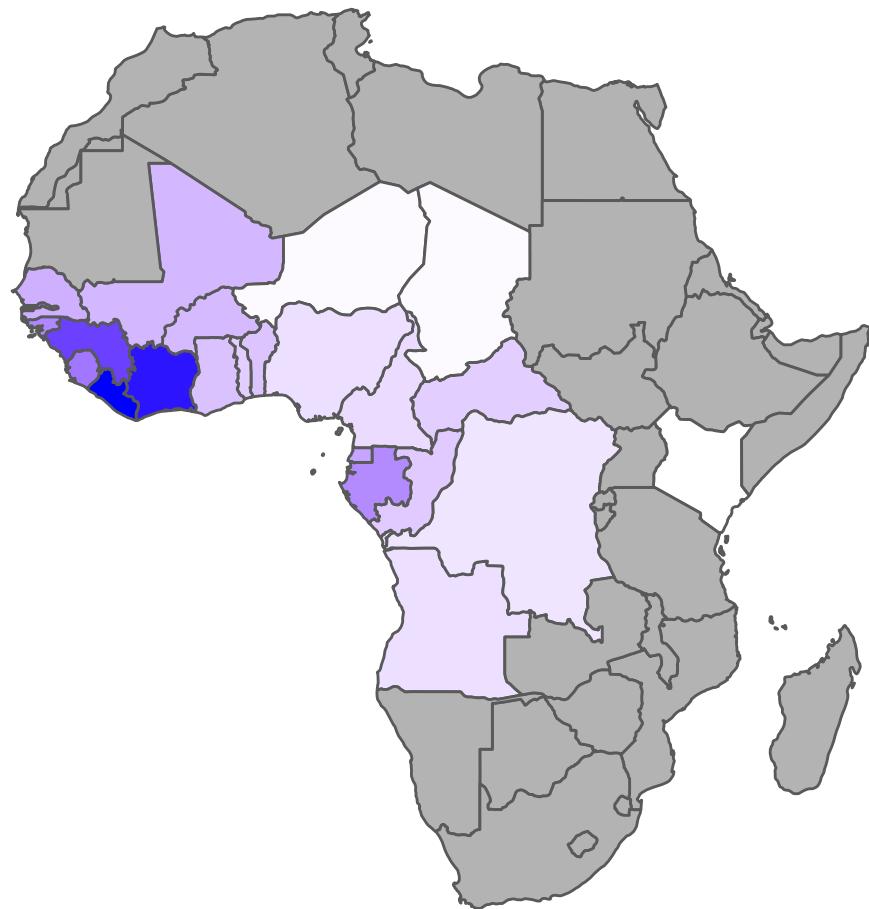
15

10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

YFV

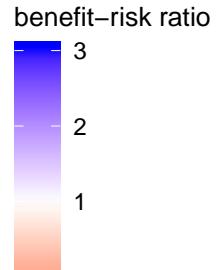
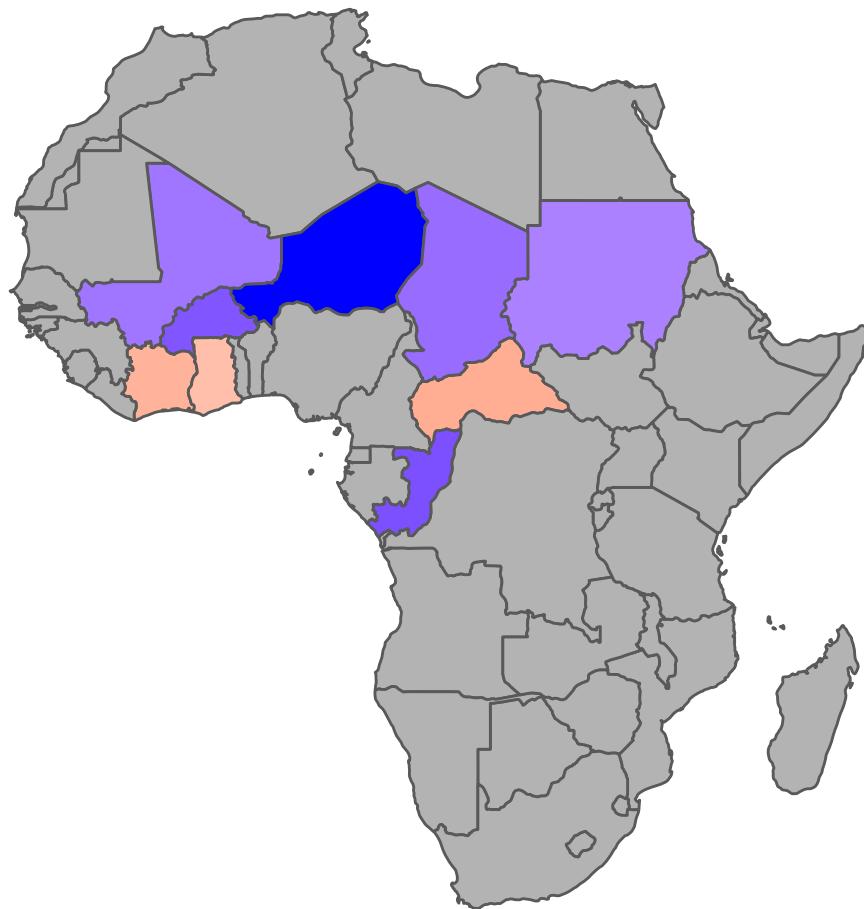
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

MenA

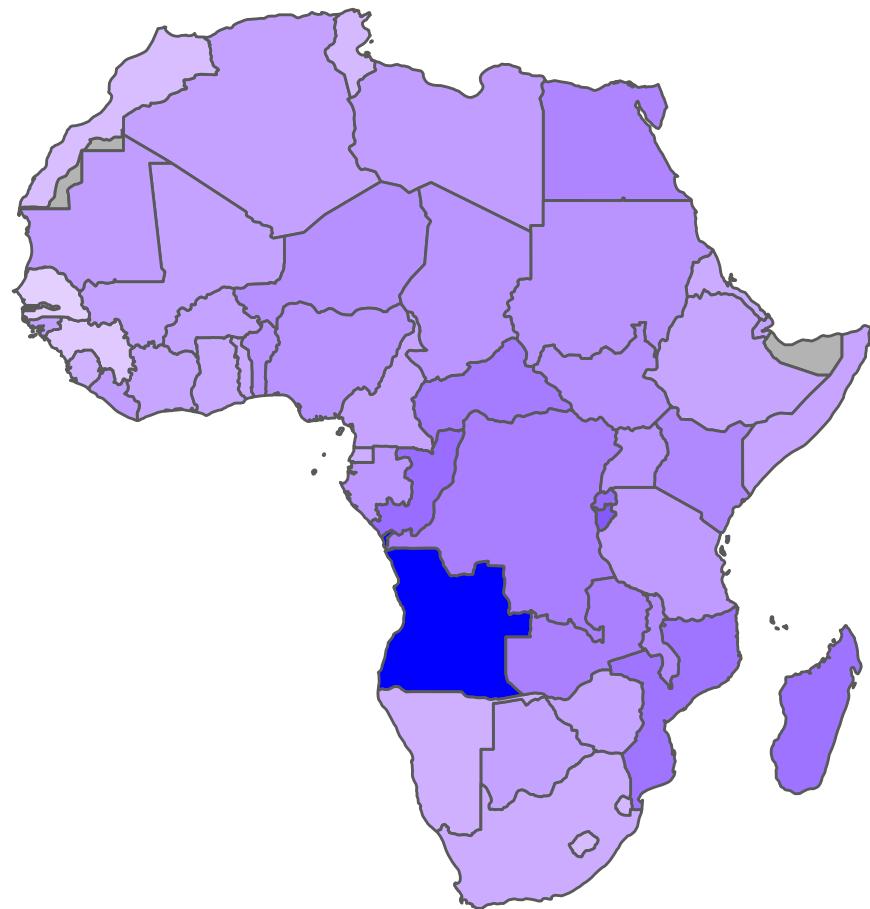
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



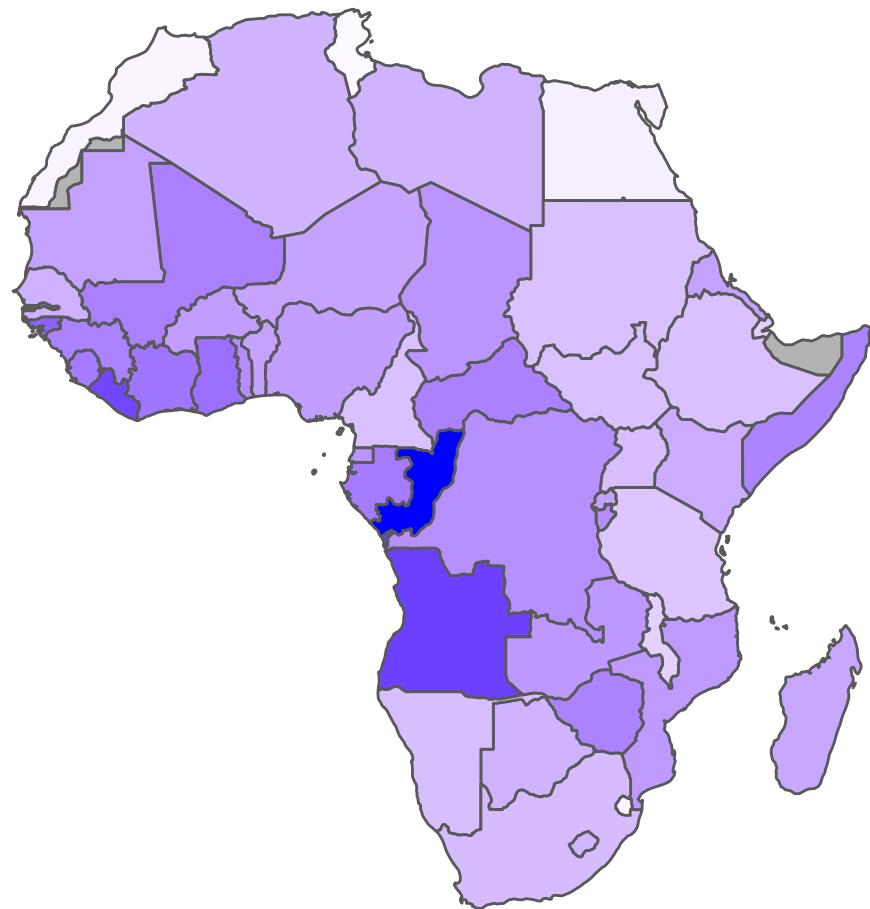
benefit–risk ratio

200
150
100
50

EPI benefits versus COVID-19 risks / benefit_risk_ratio

MCV1, RCV1, MenA, YFV

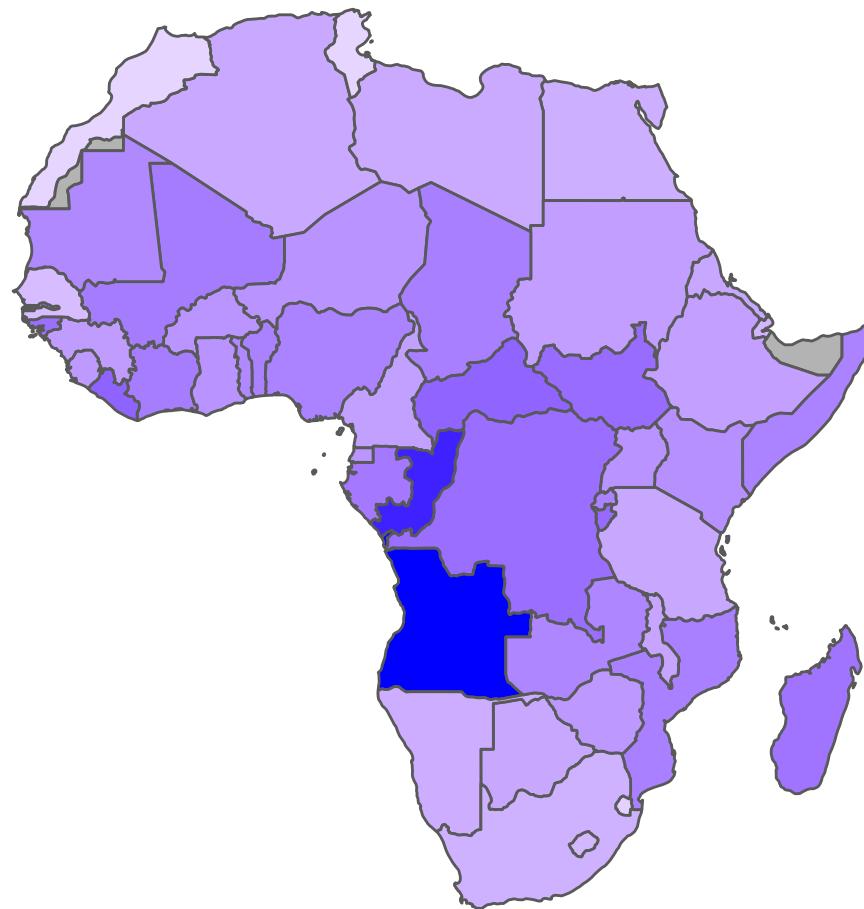
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

200

150

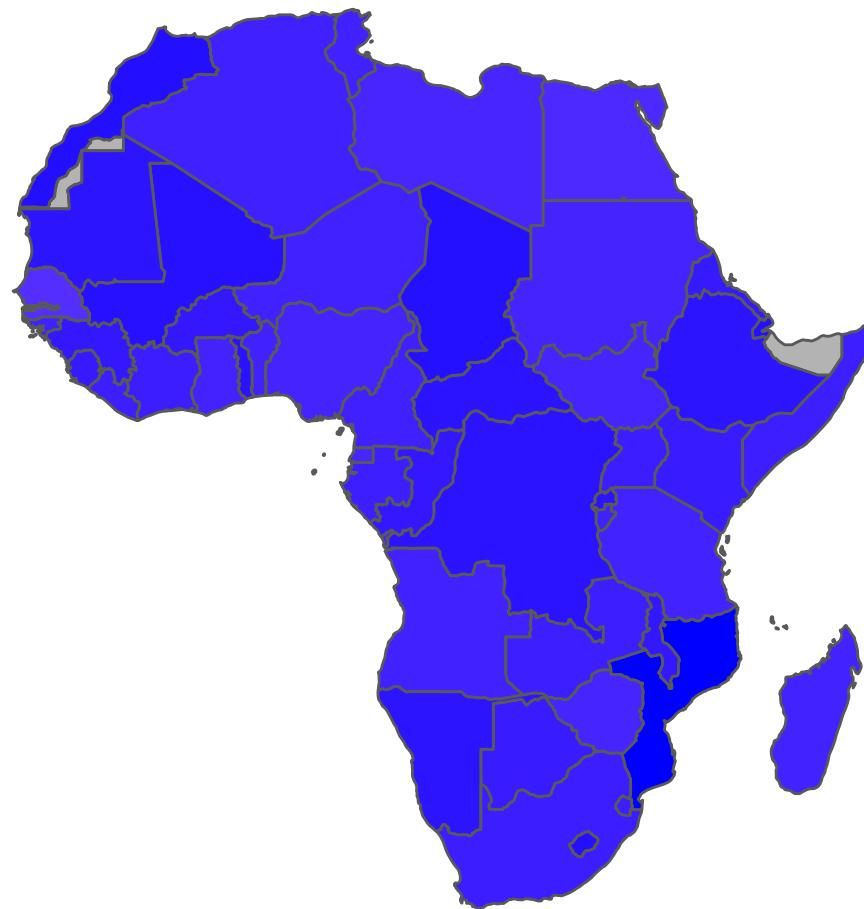
100

50

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

Diphtheria (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

1280

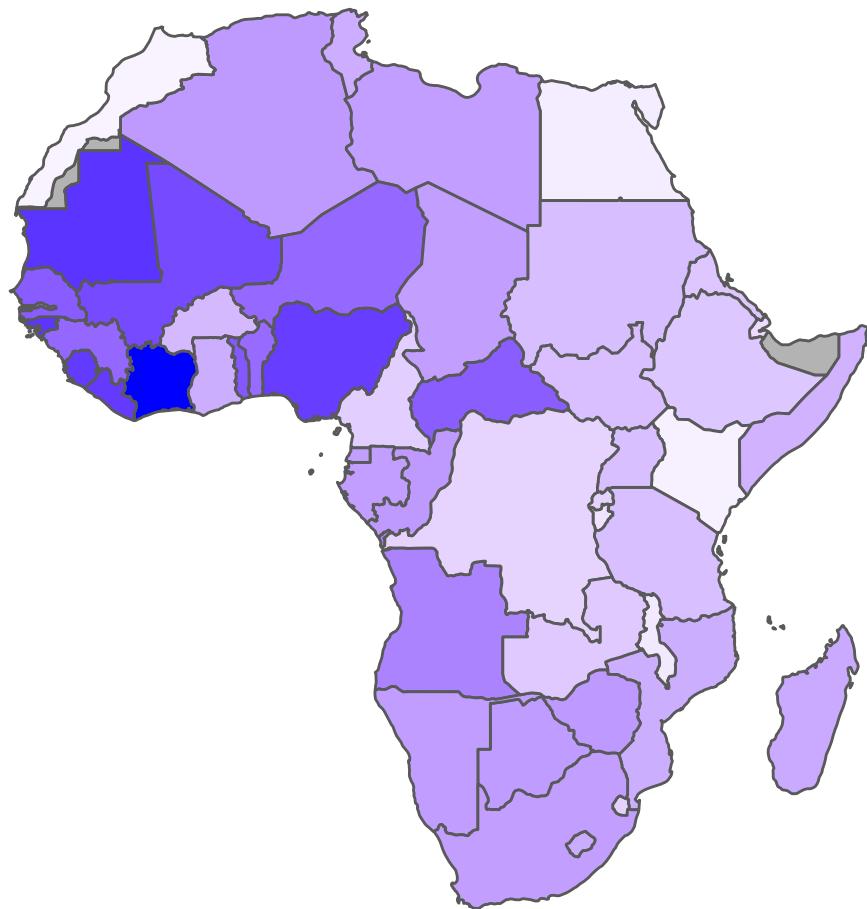
1240

1200

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

HepB3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

750

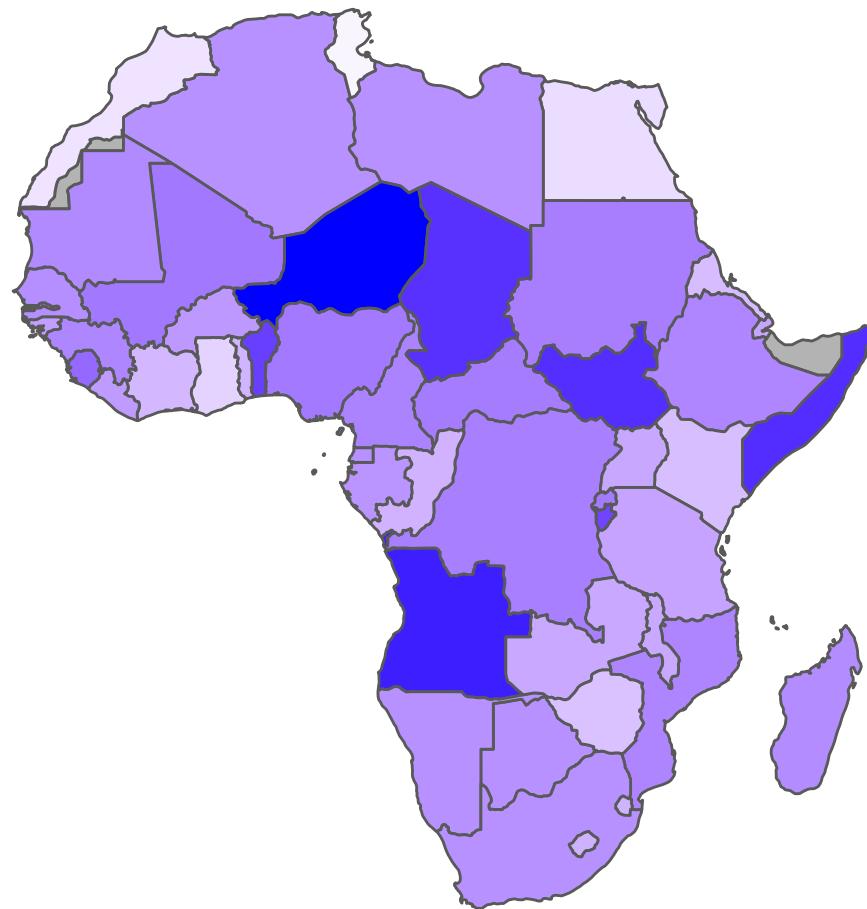
500

250

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

Hib3

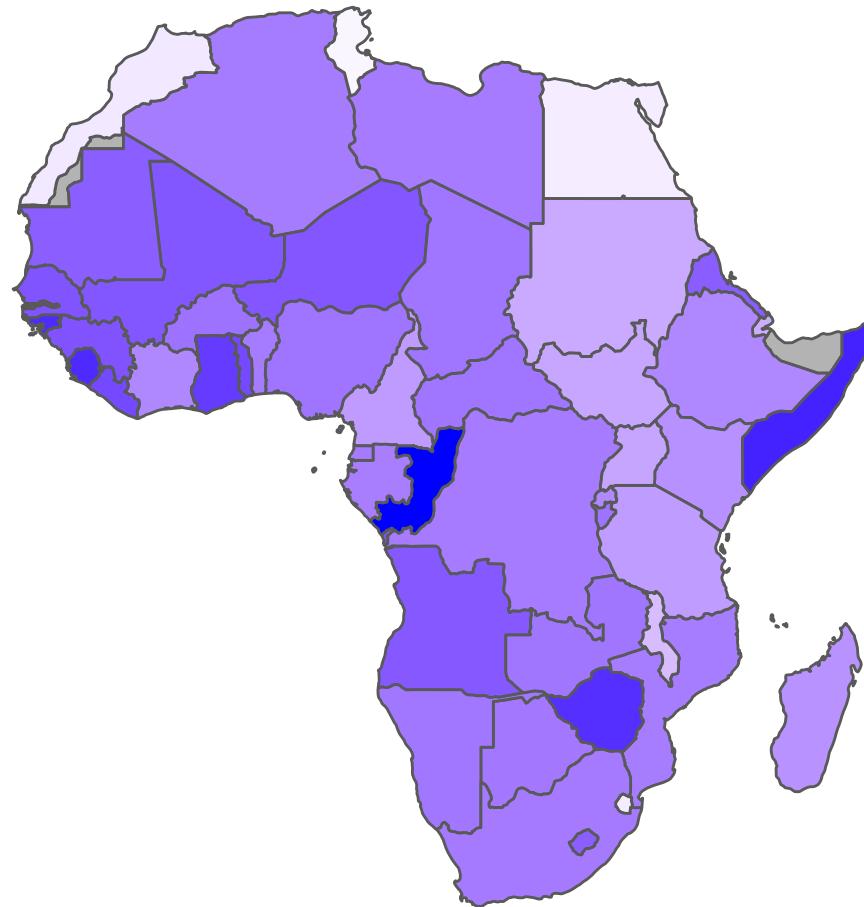
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

MCV1

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



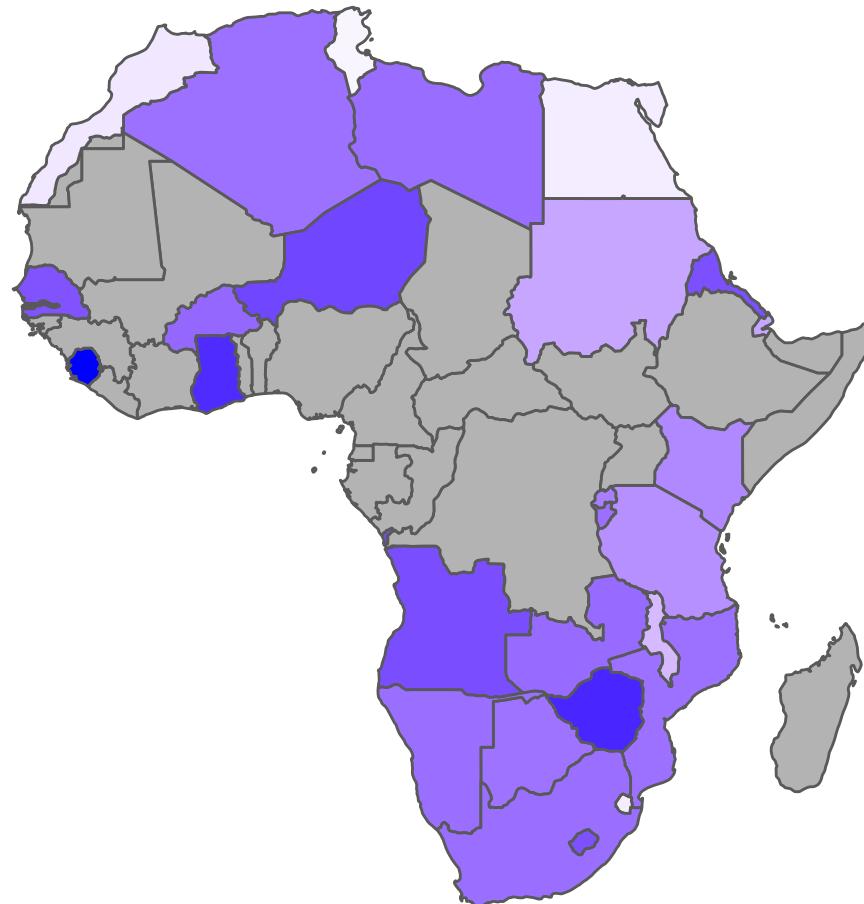
benefit–risk ratio

1e+05

5e+04

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

MCV2
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



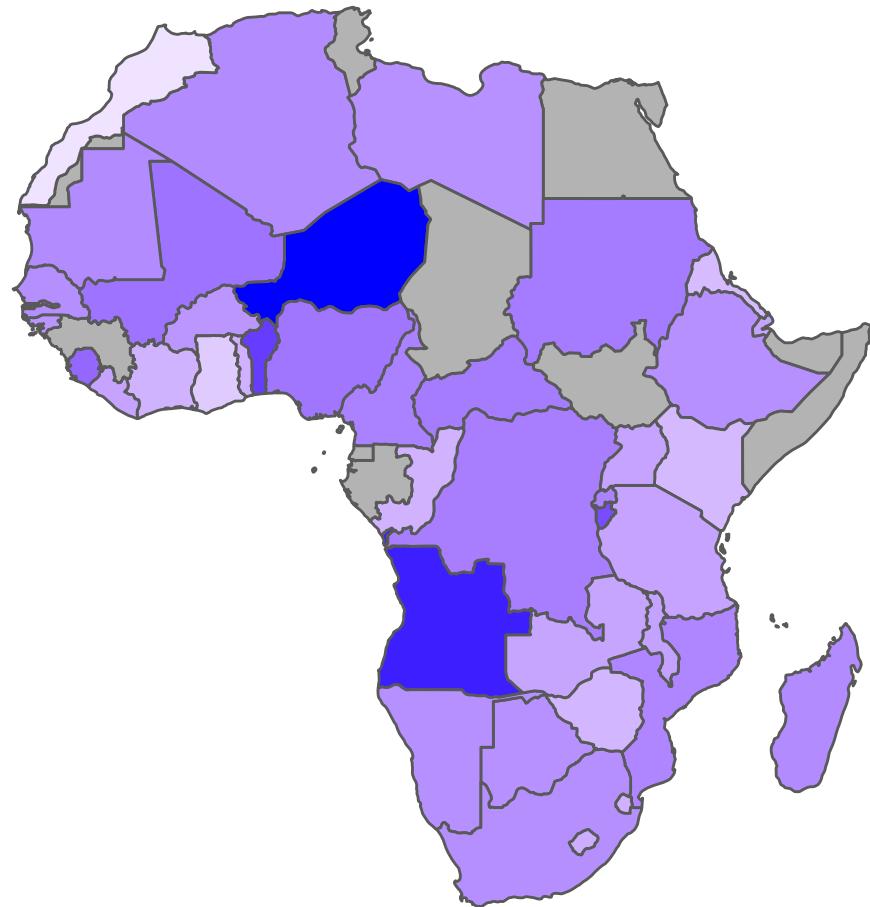
benefit–risk ratio

5000
4000
3000
2000
1000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

PCV3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

12000

9000

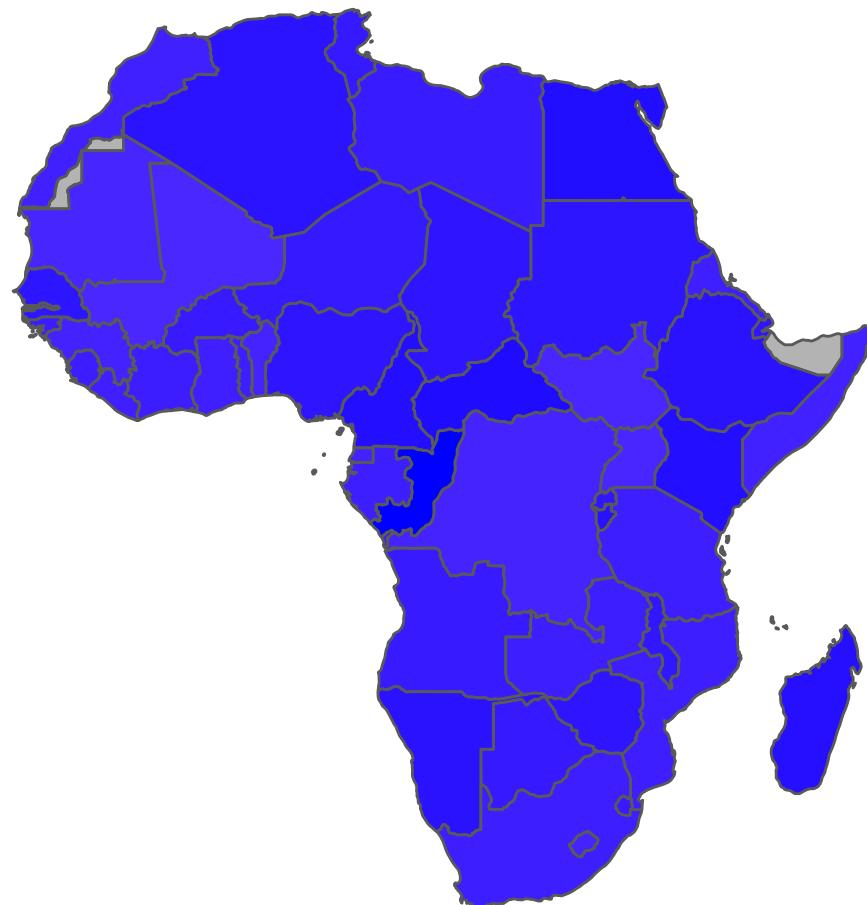
6000

3000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

Pertussis (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

30000

29000

EPI benefits versus COVID-19 risks / childBenefitRiskRatio

RCV1

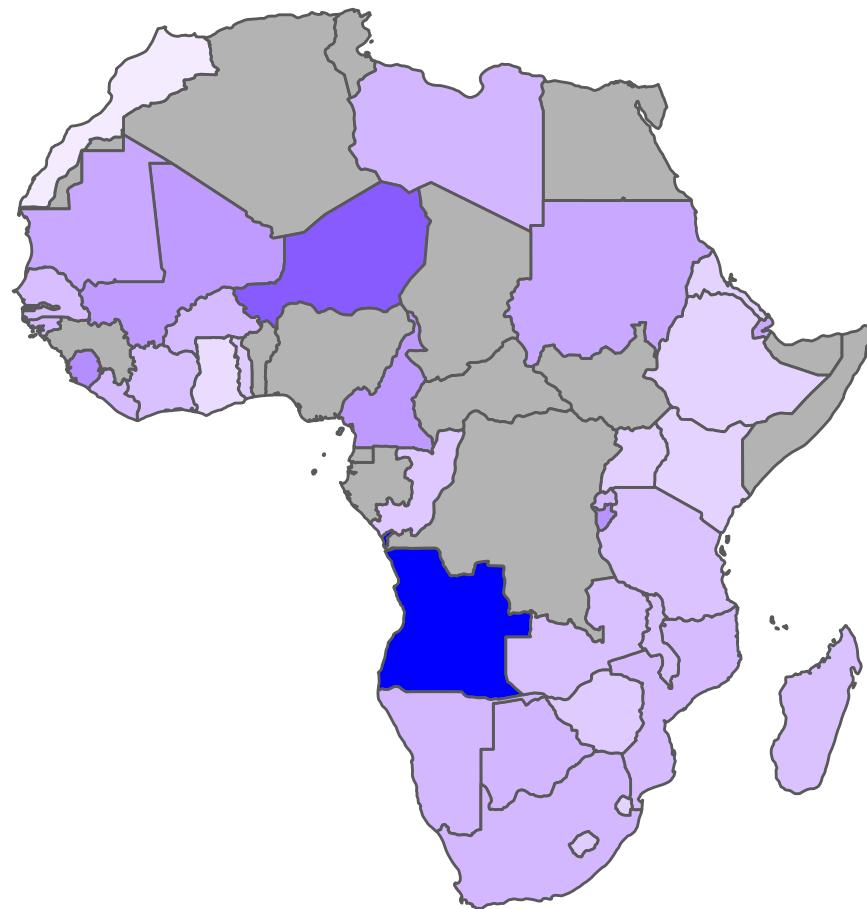
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

10000

7500

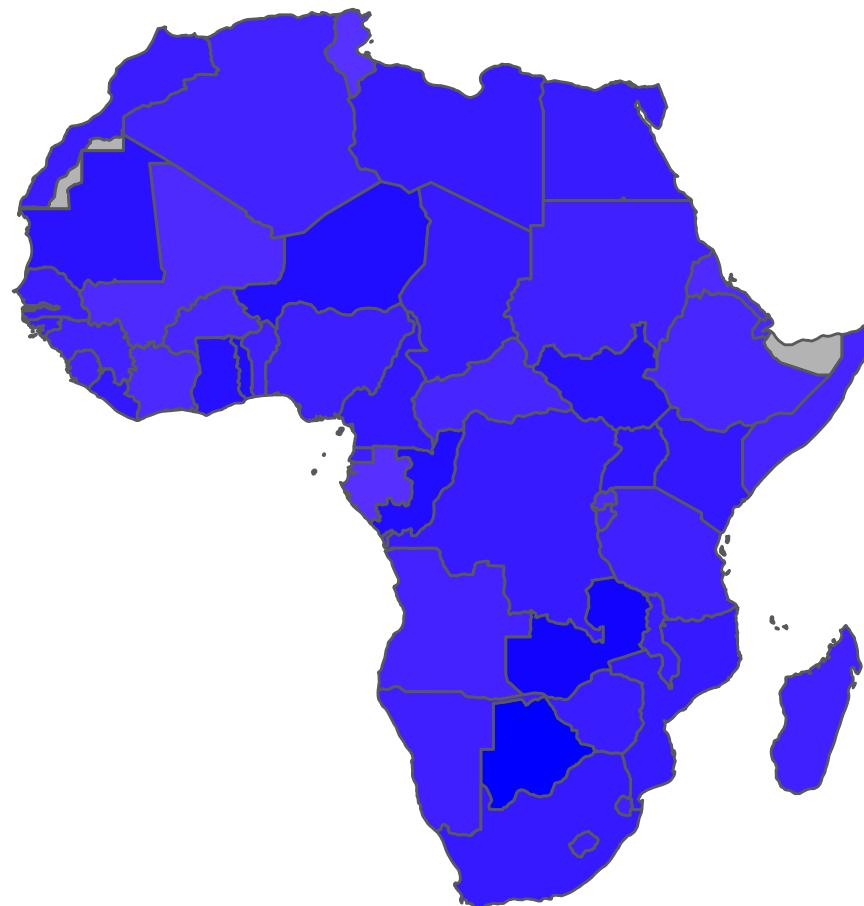
5000

2500

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

Tetanus (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

8000
7750
7500
7250

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

75000

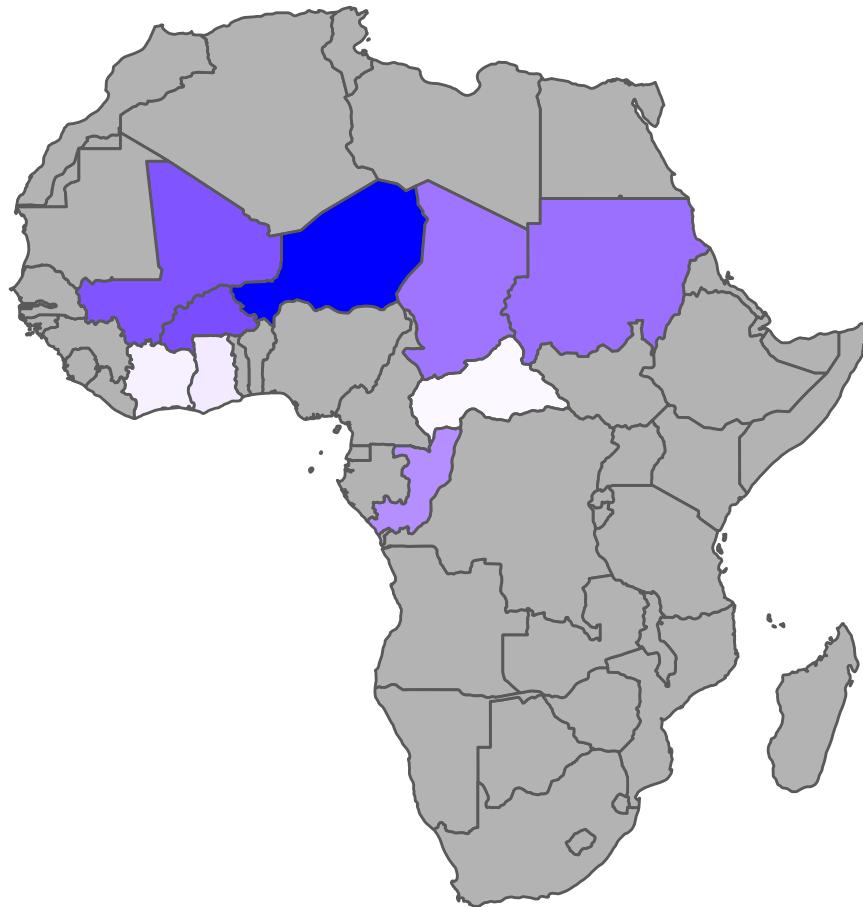
50000

25000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

MenA

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

1500

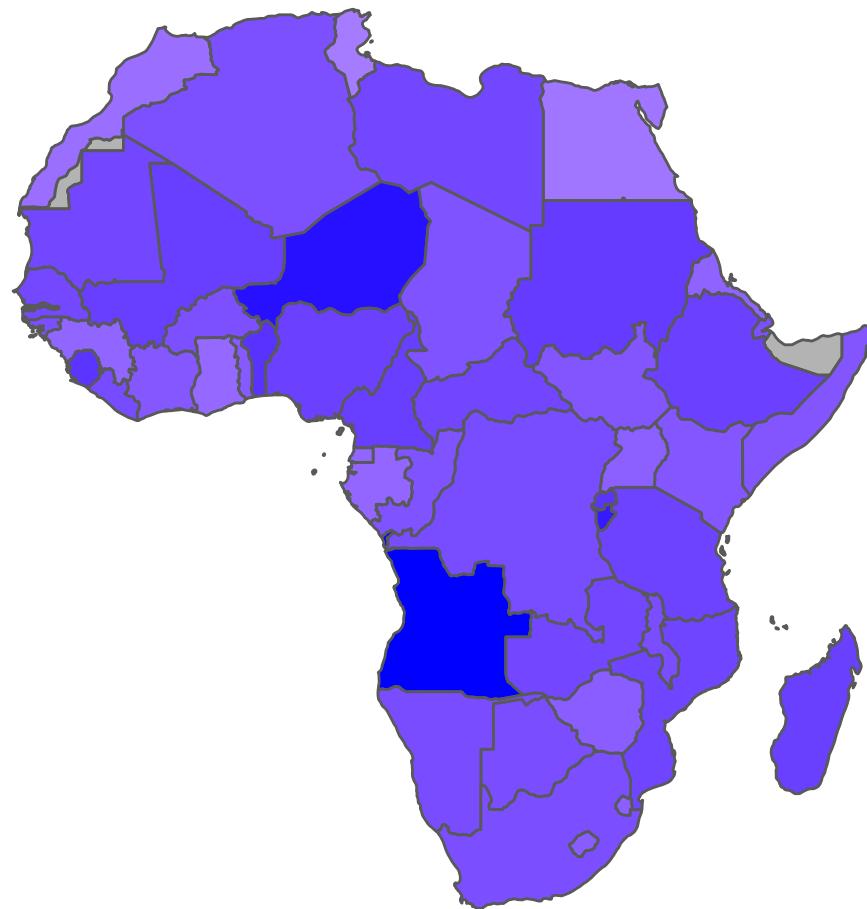
1000

500

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

70000

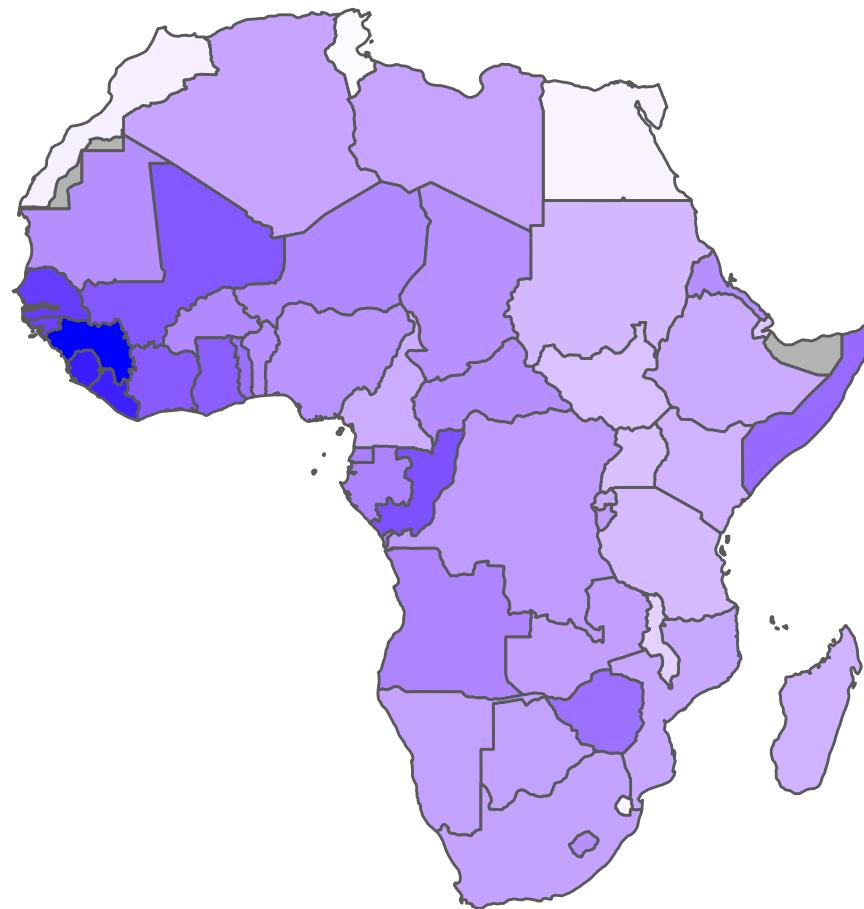
60000

50000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

MCV1, RCV1, MenA, YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



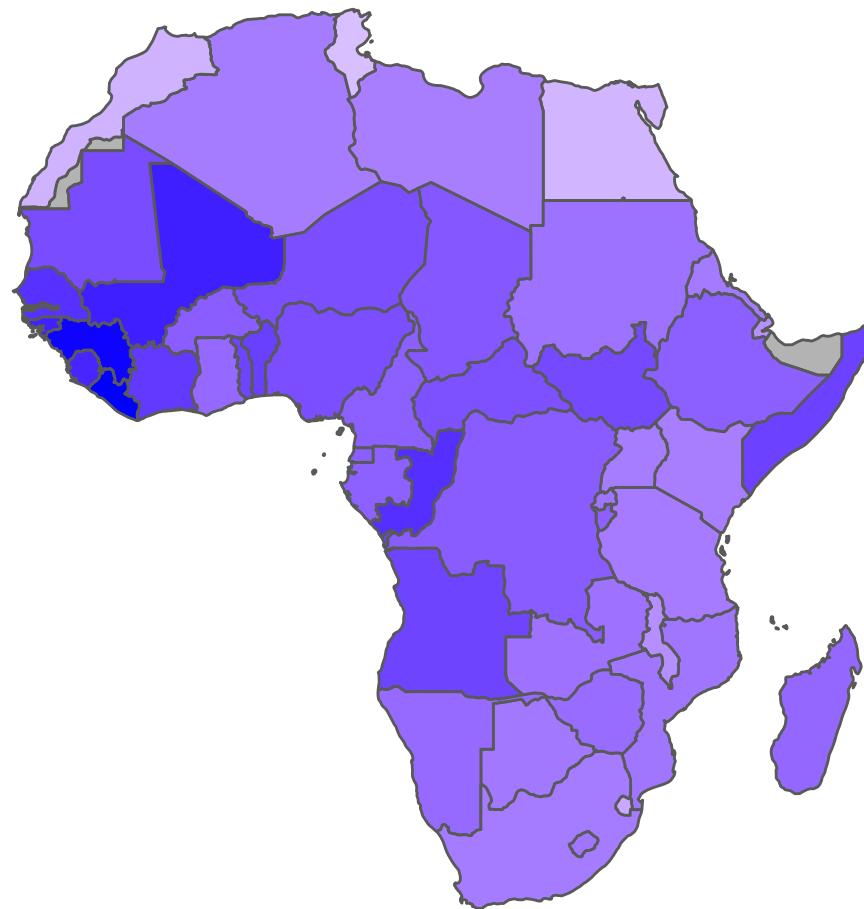
benefit–risk ratio

200000
150000
100000
50000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2

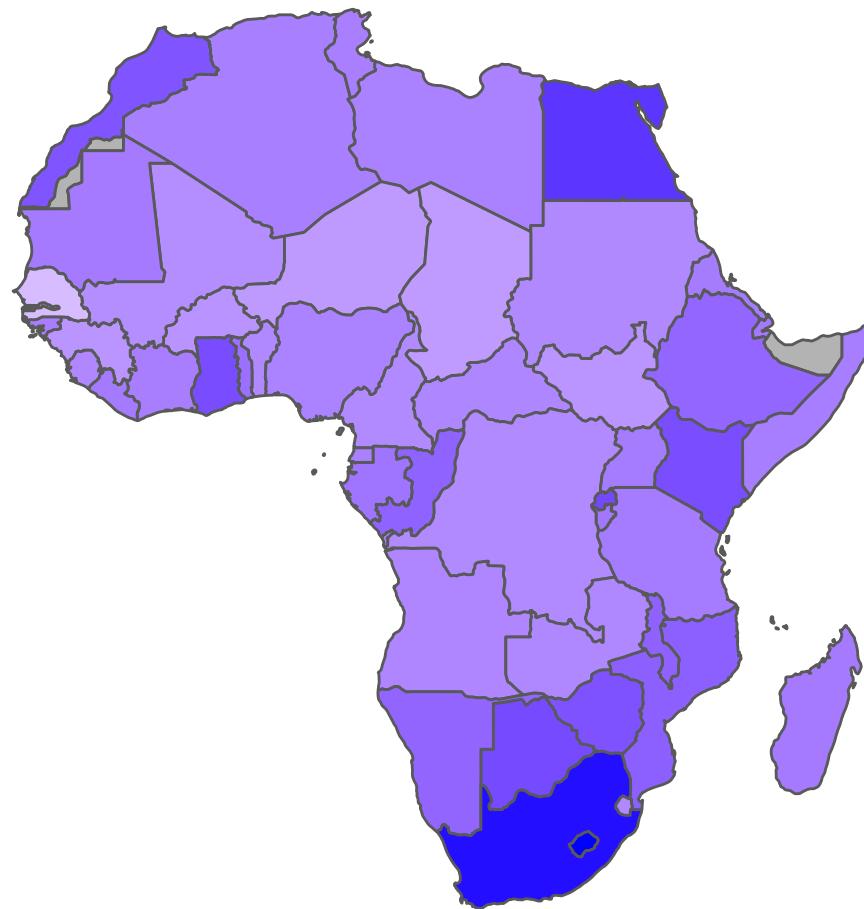
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

Diphtheria (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

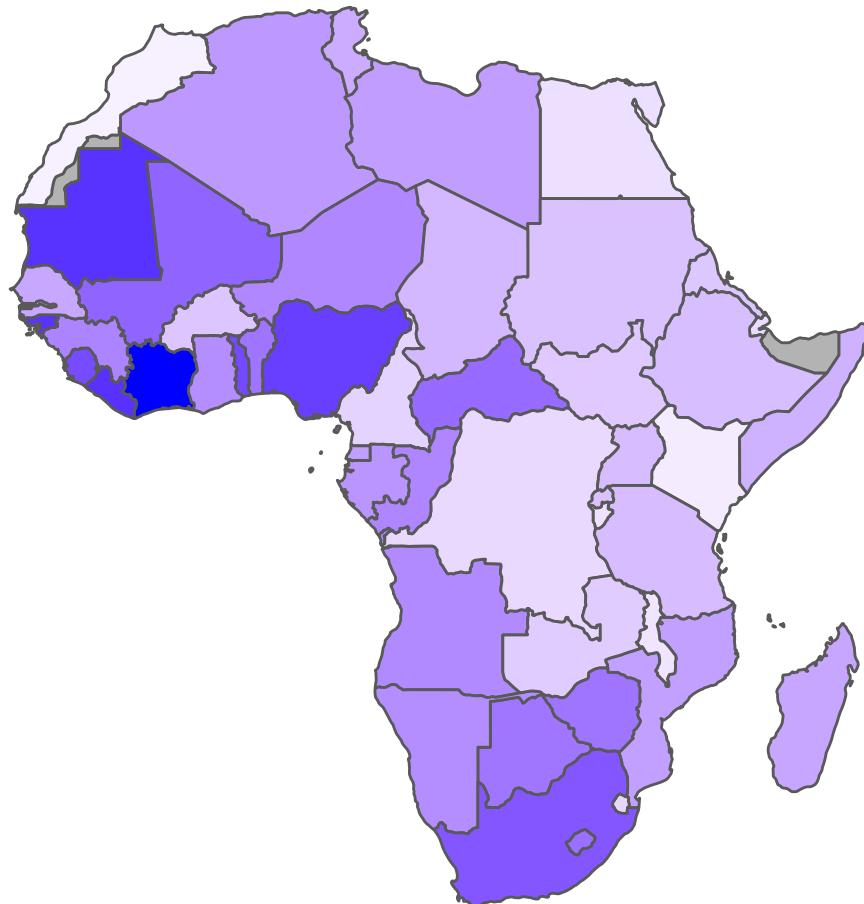
1500

1000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



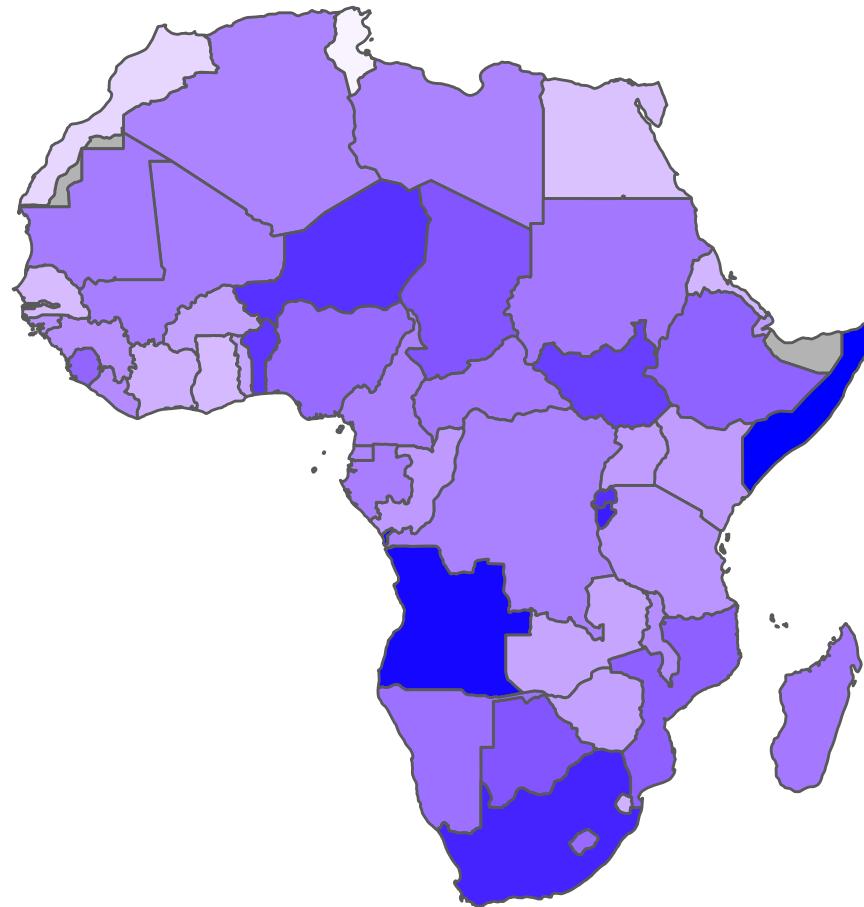
benefit–risk ratio

800
600
400
200

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

Hib3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

10000

7500

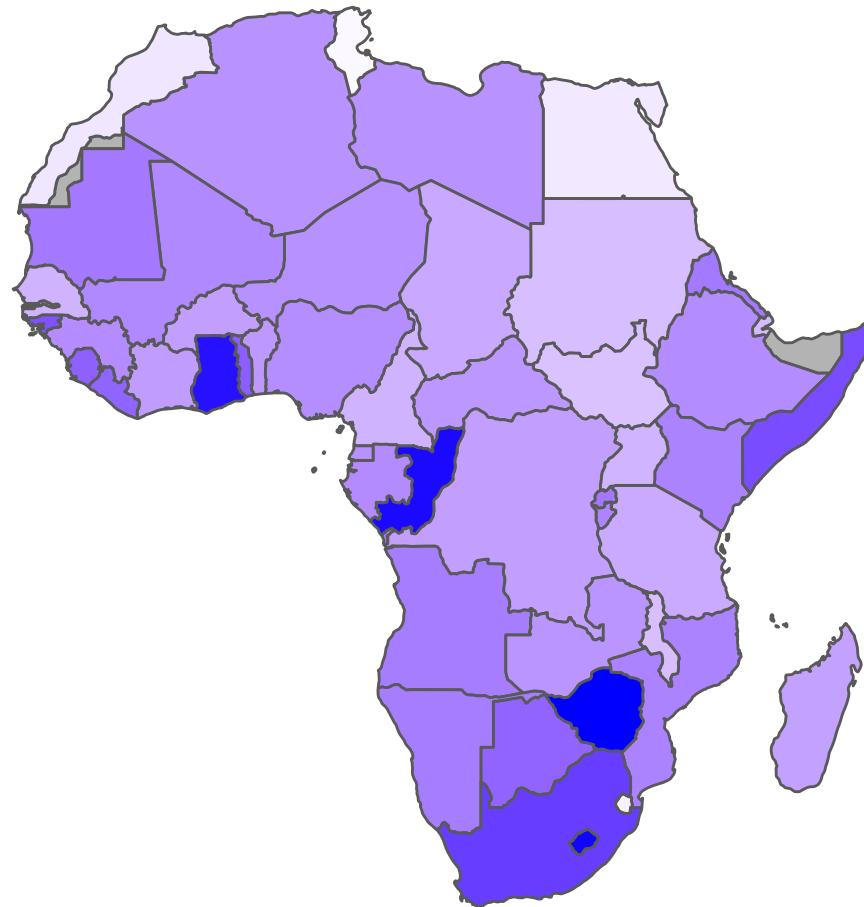
5000

2500

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MCV1

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

150000

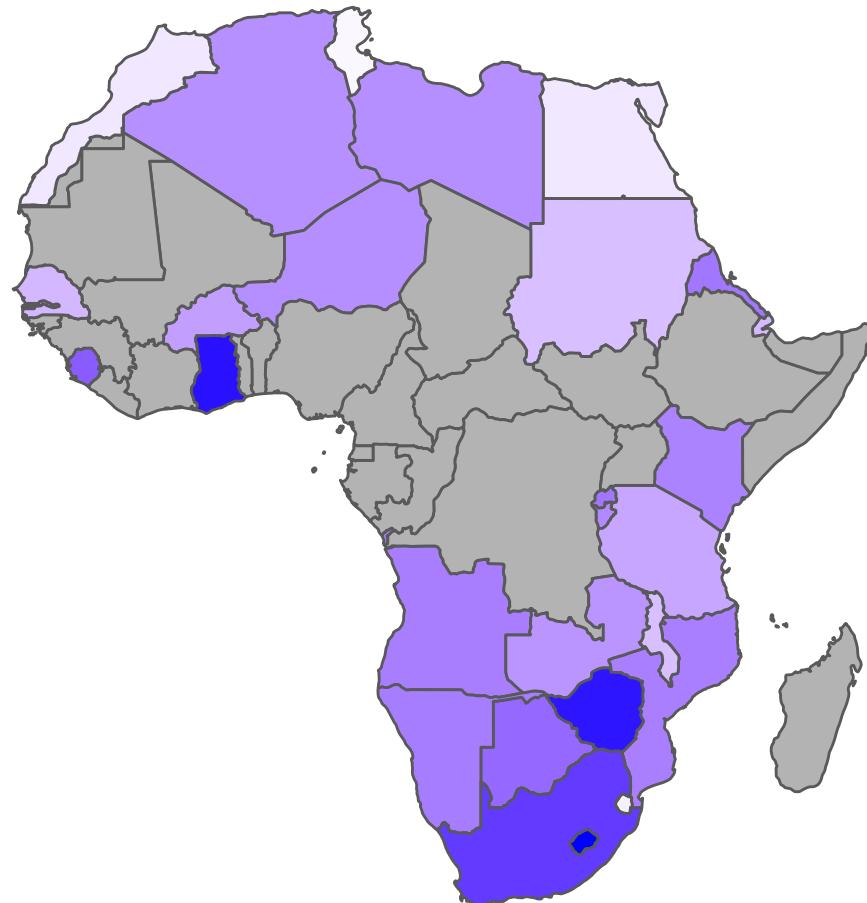
100000

50000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

6000

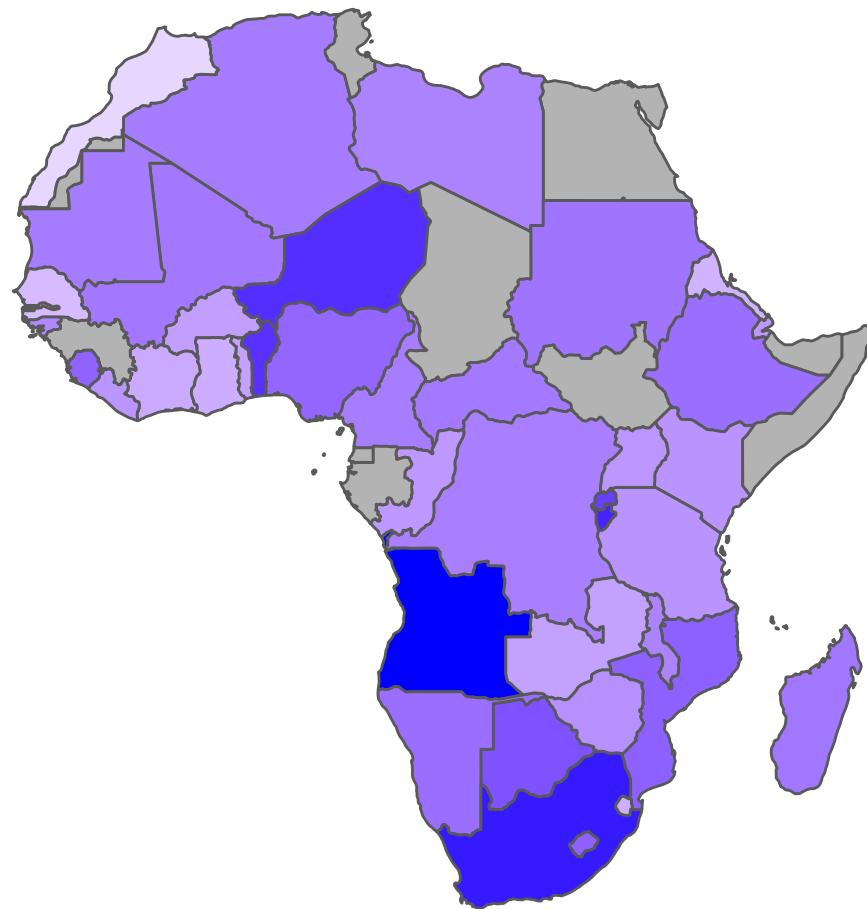
4000

2000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

PCV3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



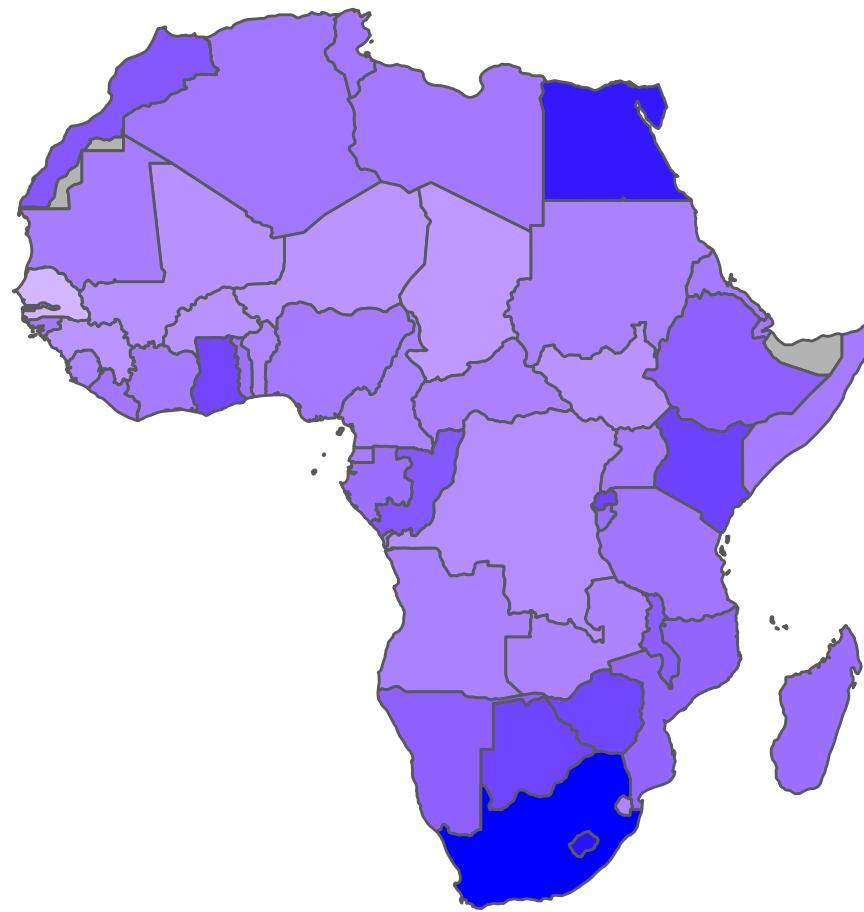
benefit–risk ratio

8000
6000
4000
2000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

Pertussis (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

40000

30000

20000

EPI benefits versus COVID-19 risks / sibling_benefit_risk_ratio

RCV1

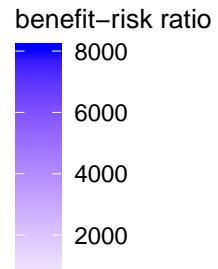
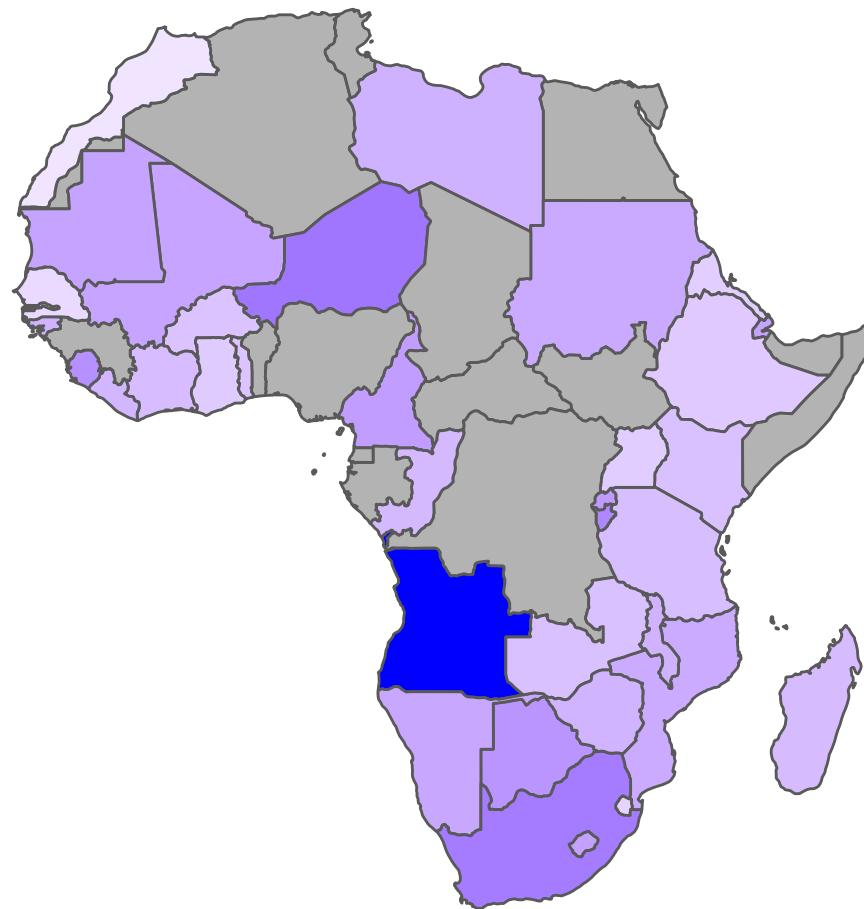
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

RotaC

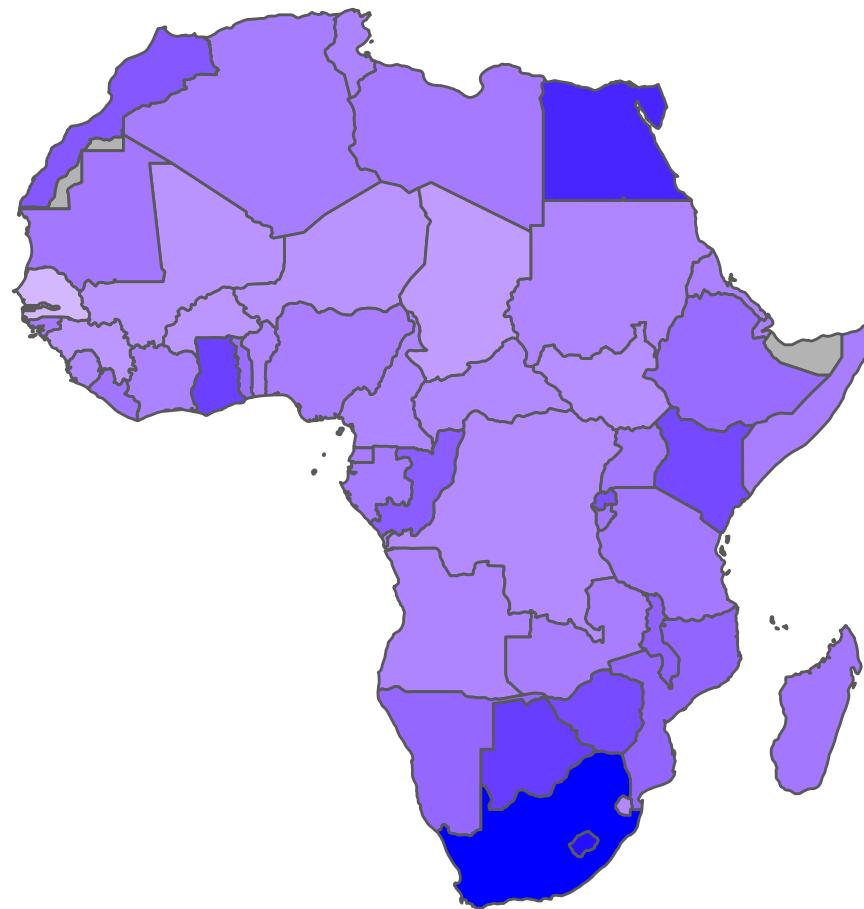
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

Tetanus (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



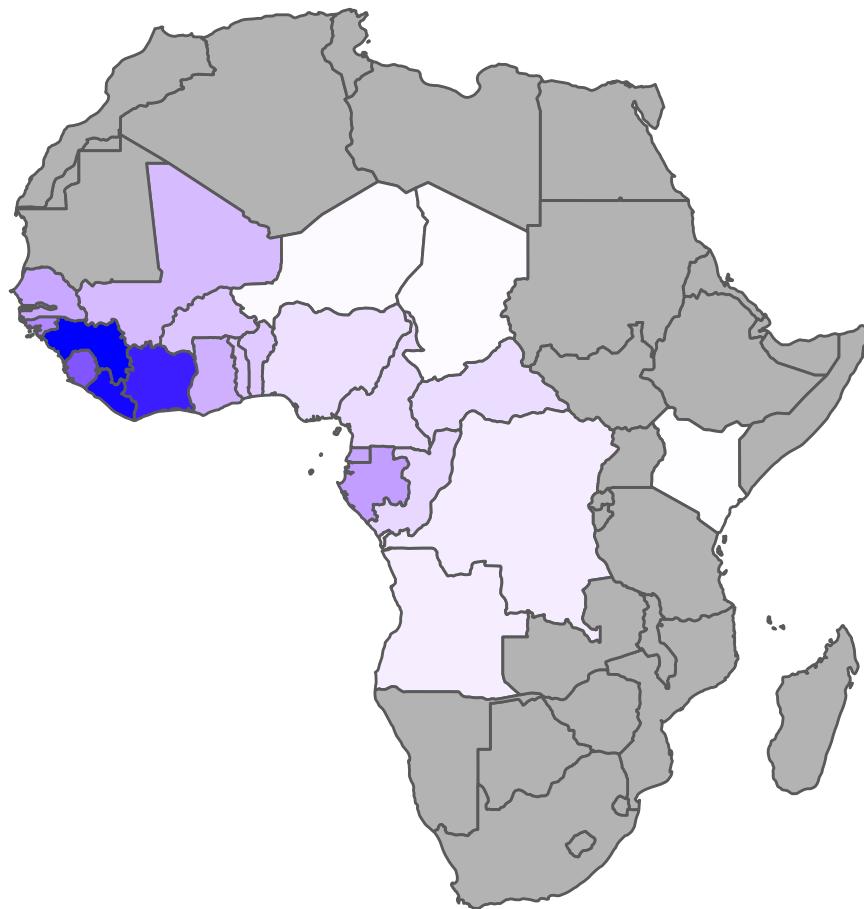
benefit–risk ratio

10000
8000
6000
4000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

60000

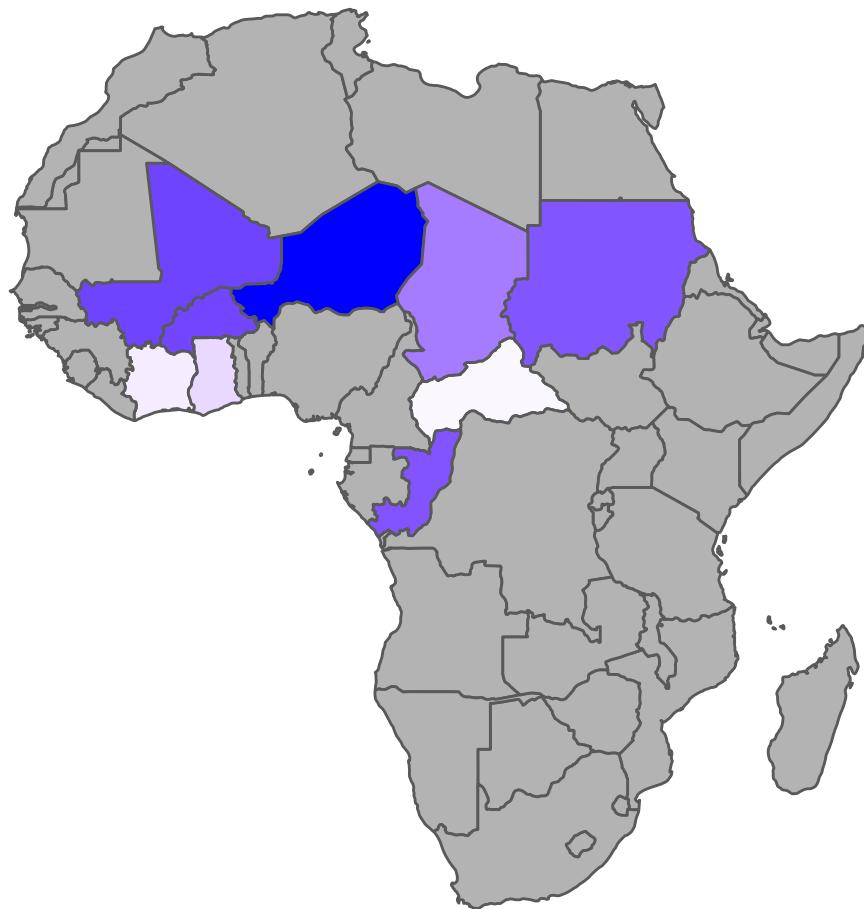
40000

20000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MenA

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



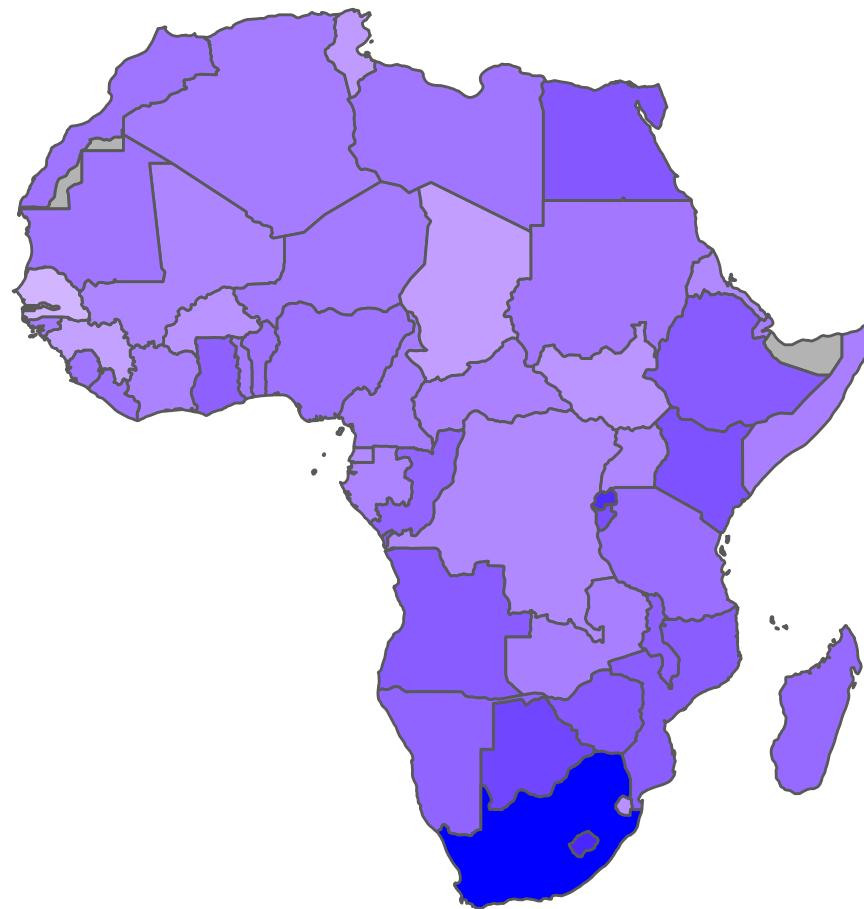
benefit–risk ratio

1250
1000
750
500
250

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

80000

70000

60000

50000

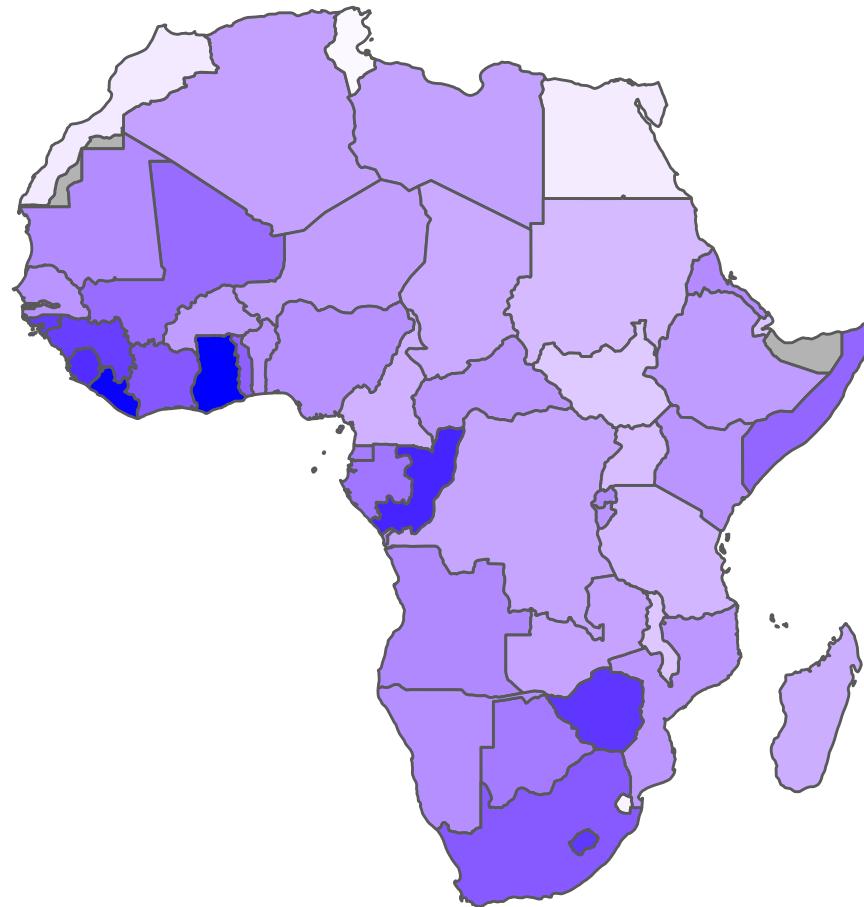
40000

30000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

MCV1, RCV1, MenA, YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

150000

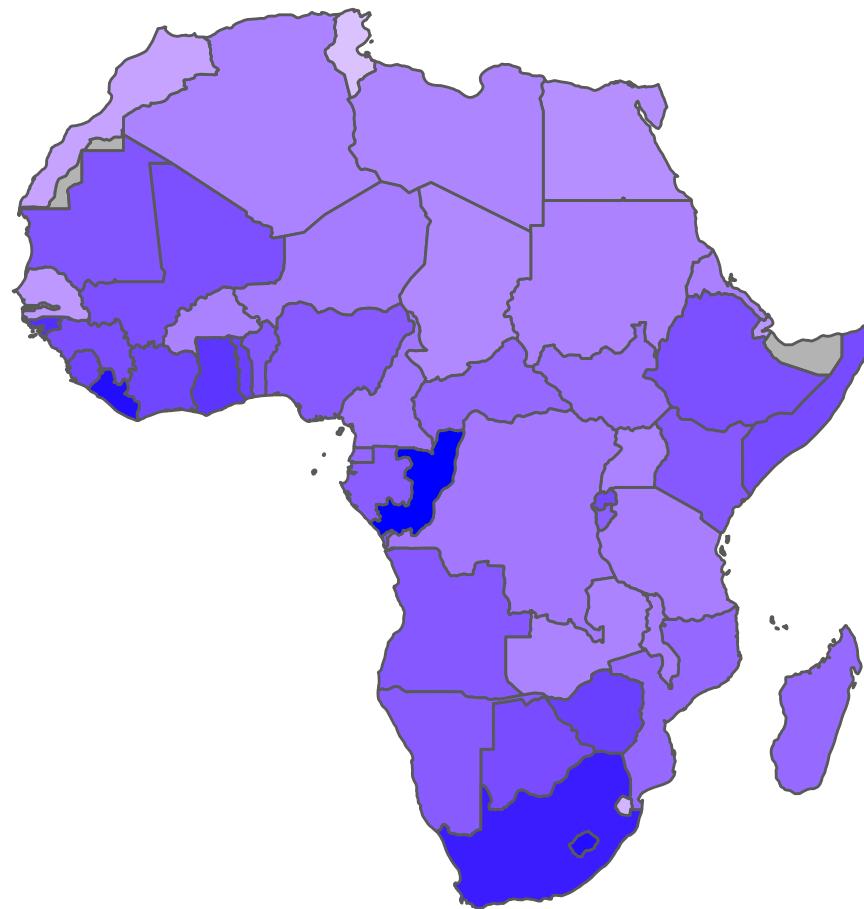
100000

50000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

80000

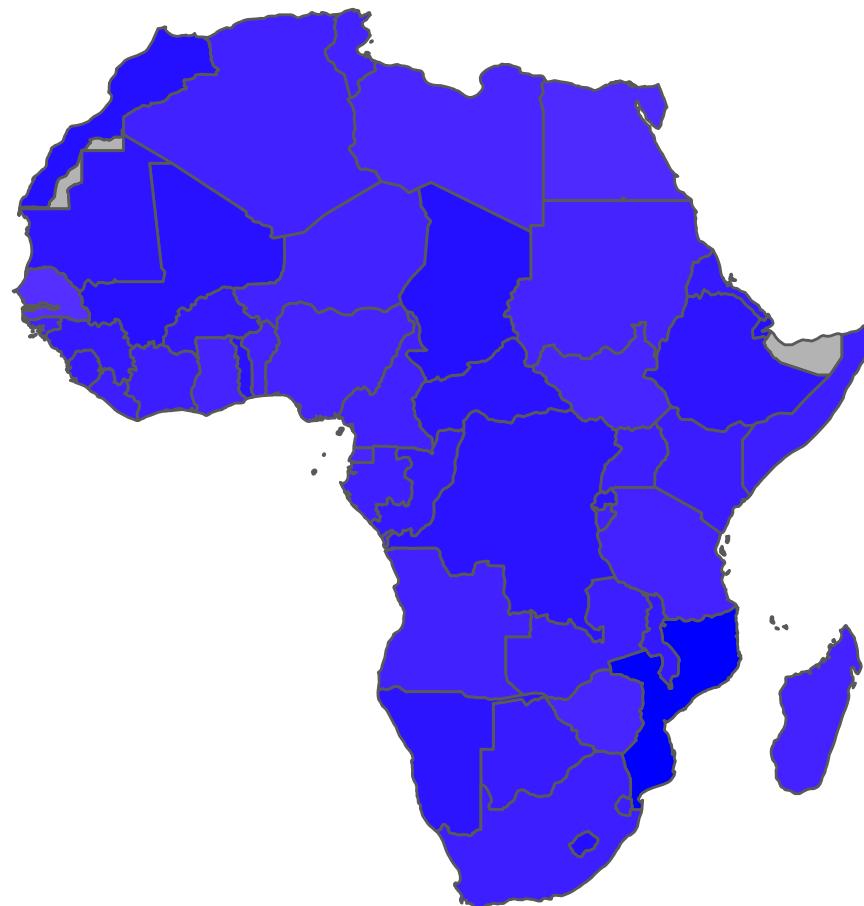
60000

40000

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Diphtheria (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

33

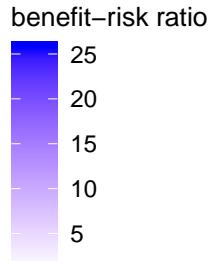
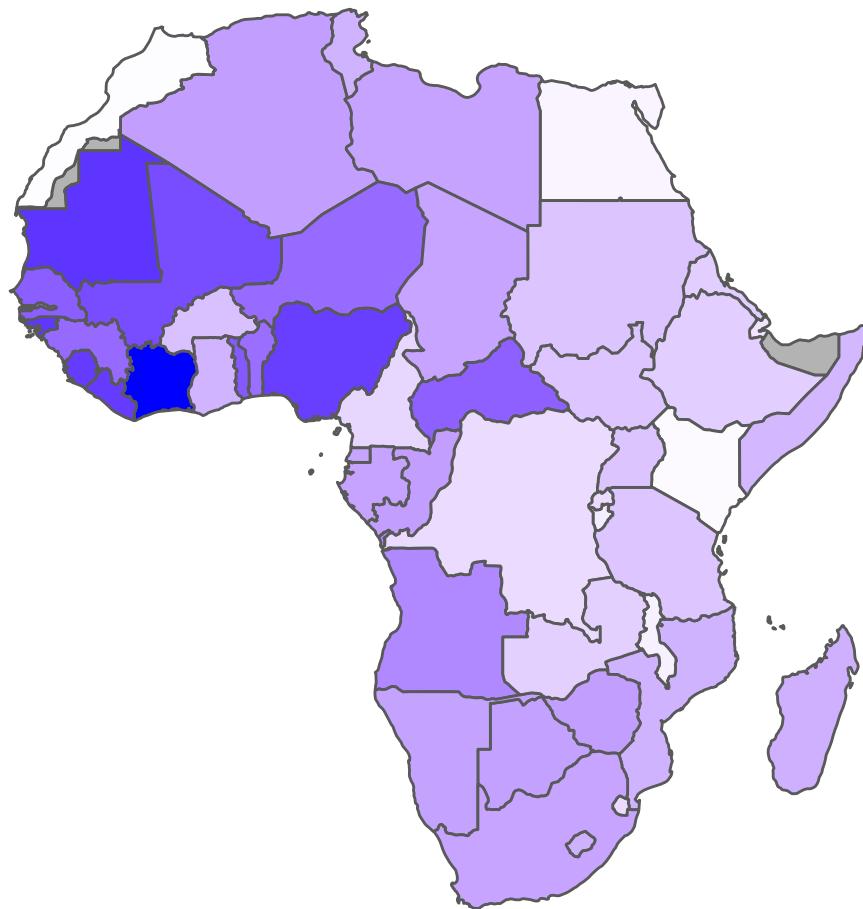
32

31

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

HepB3

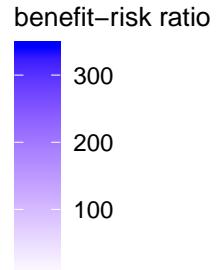
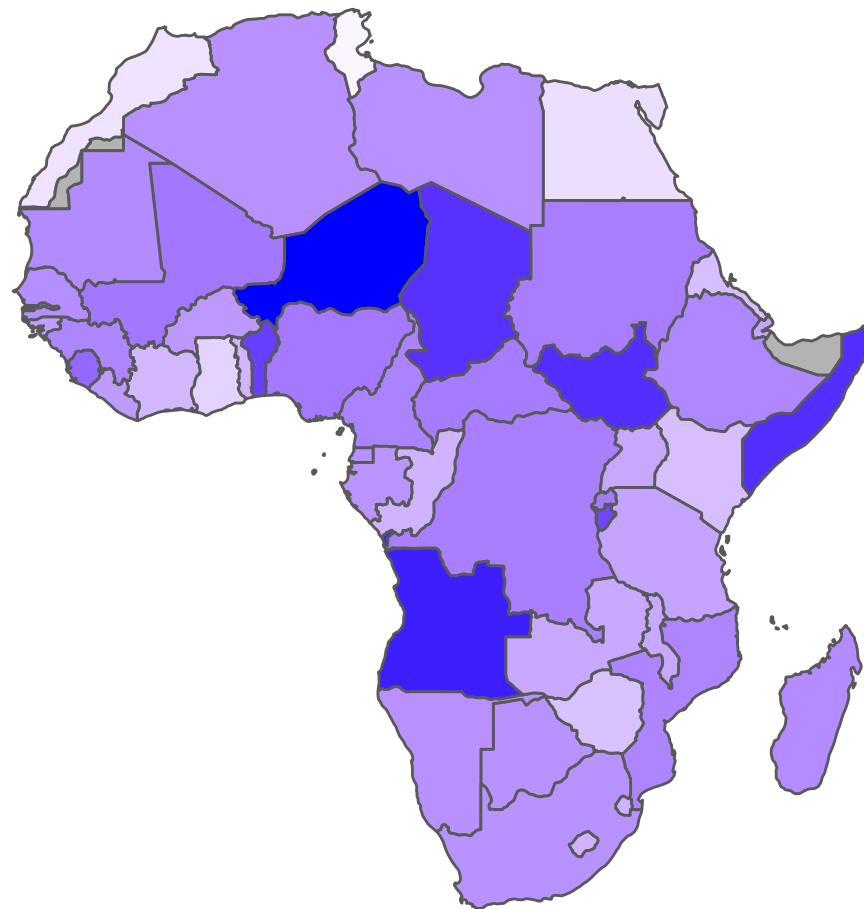
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Hib3

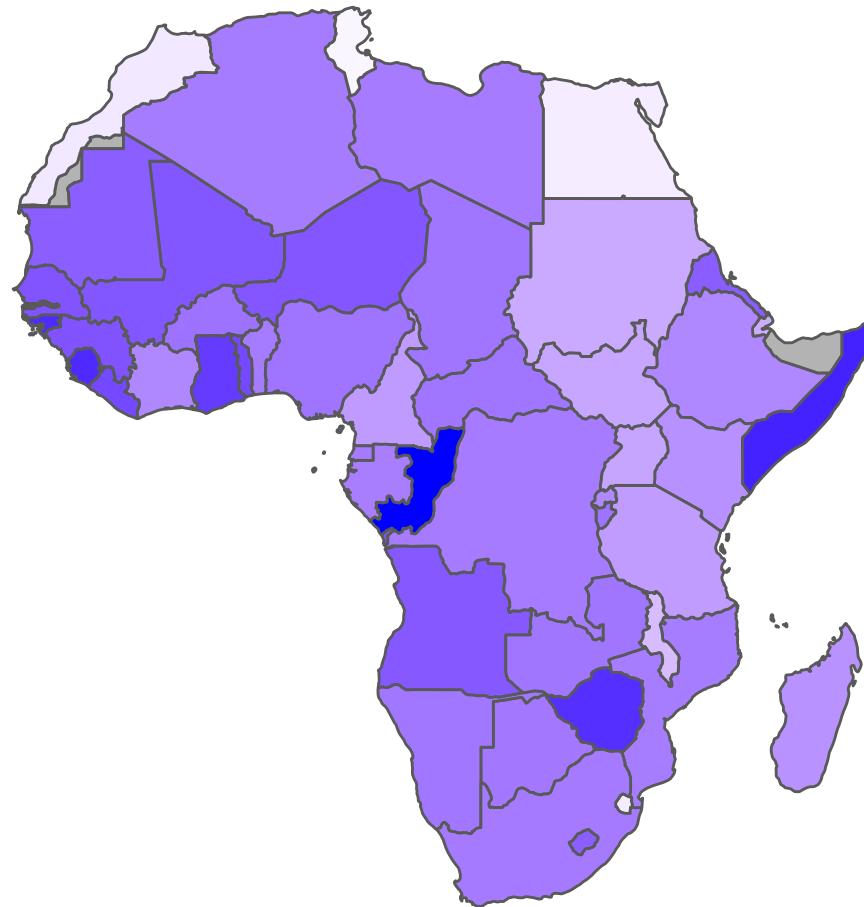
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

MCV1

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

3000

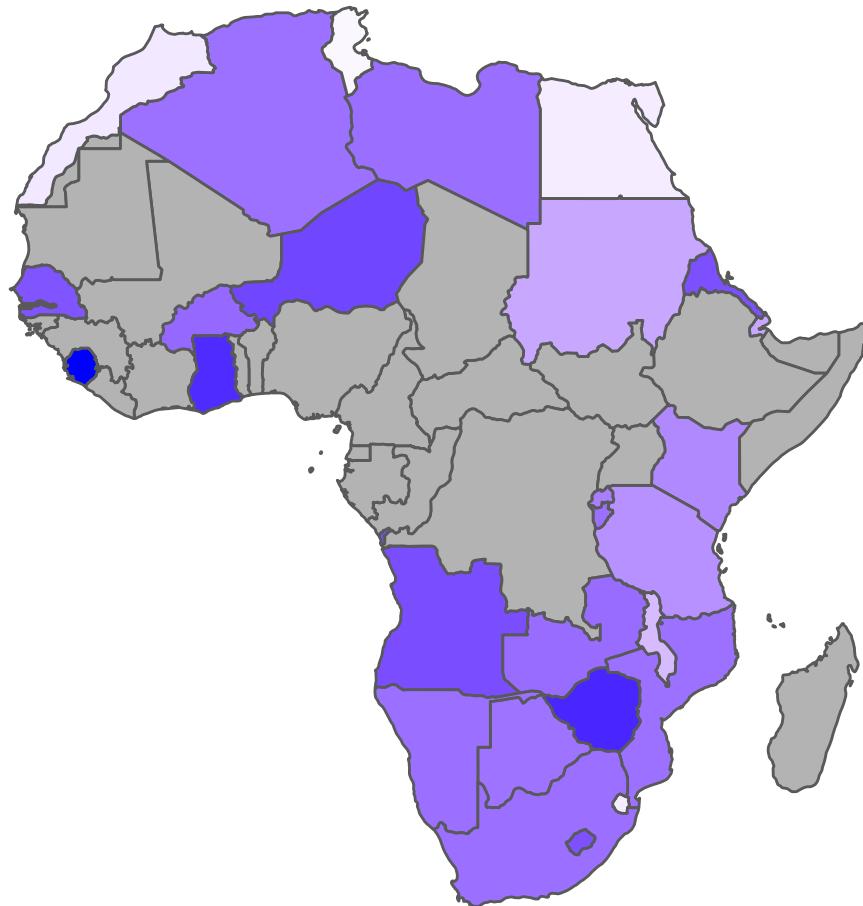
2000

1000

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

150

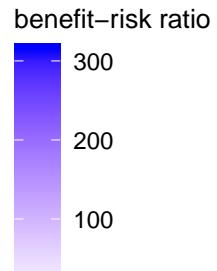
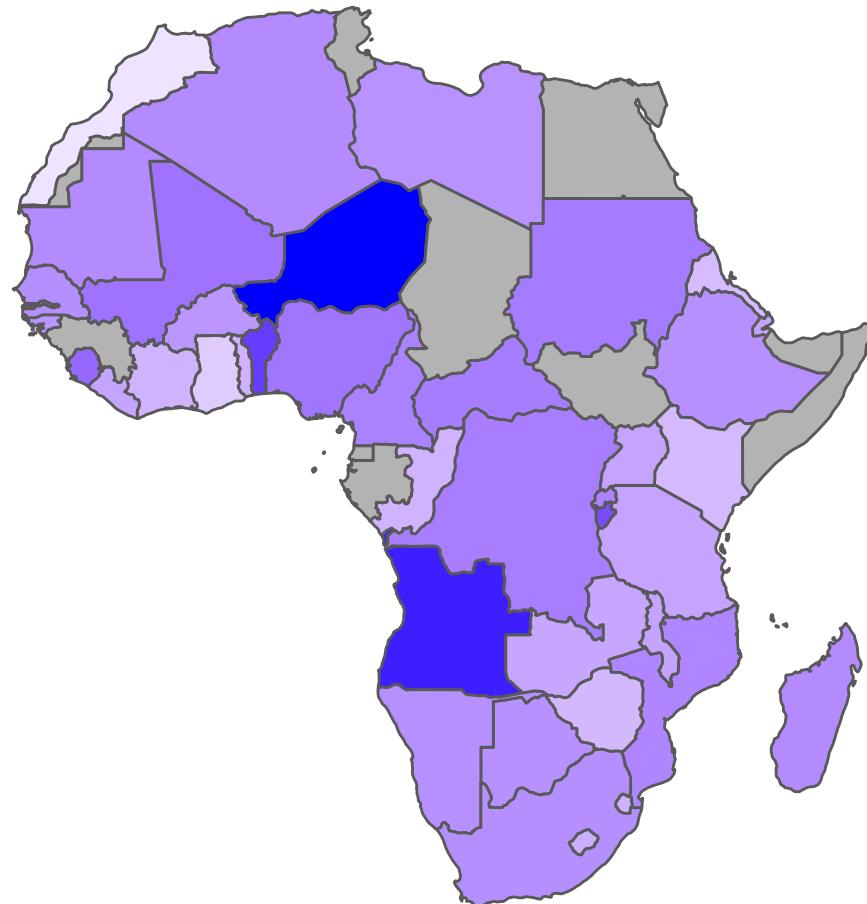
100

50

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

PCV3

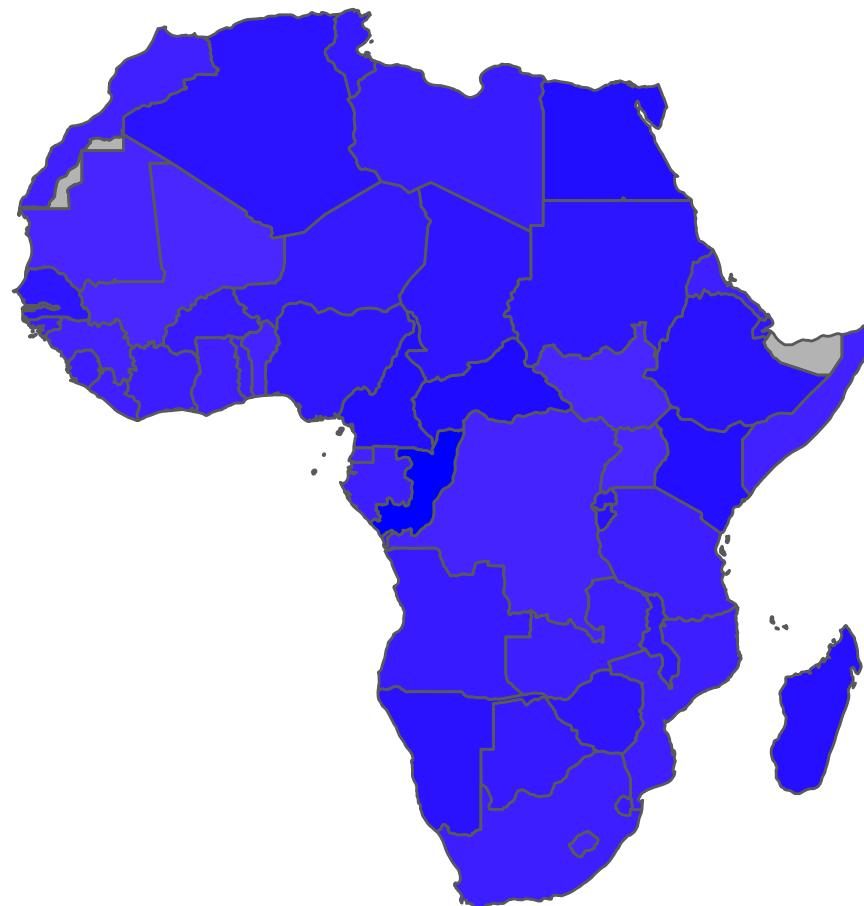
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Pertussis (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

780

760

740

EPI benefits versus COVID-19 risks / parent_benefit_risk_ratio

RCV1

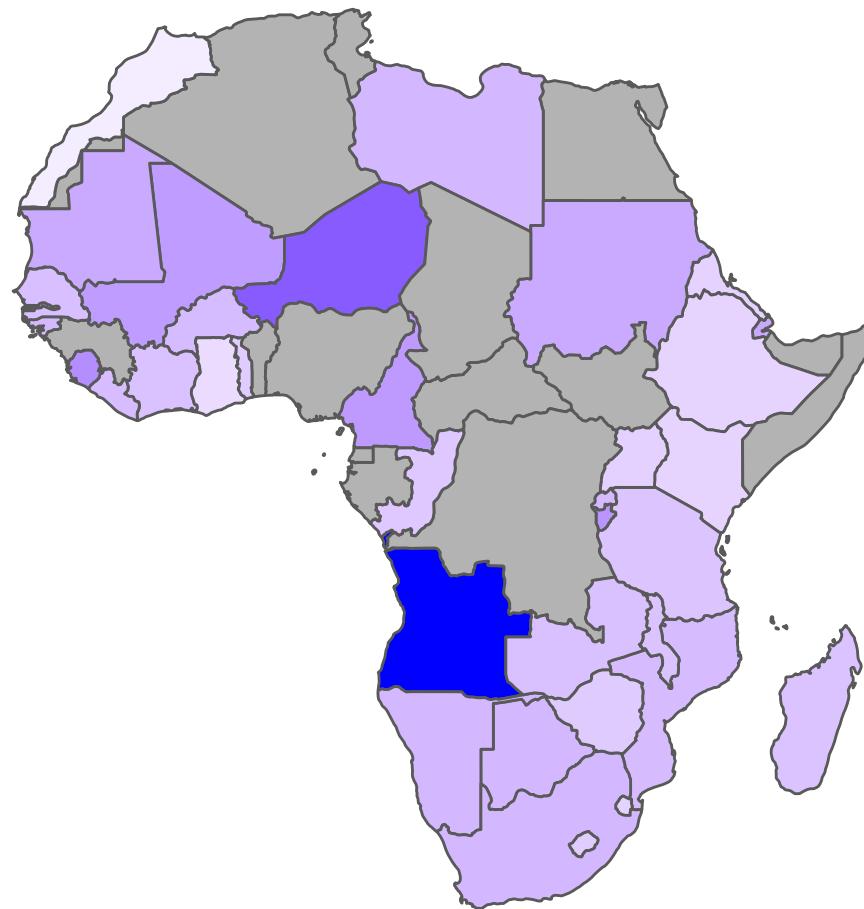
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

RotaC

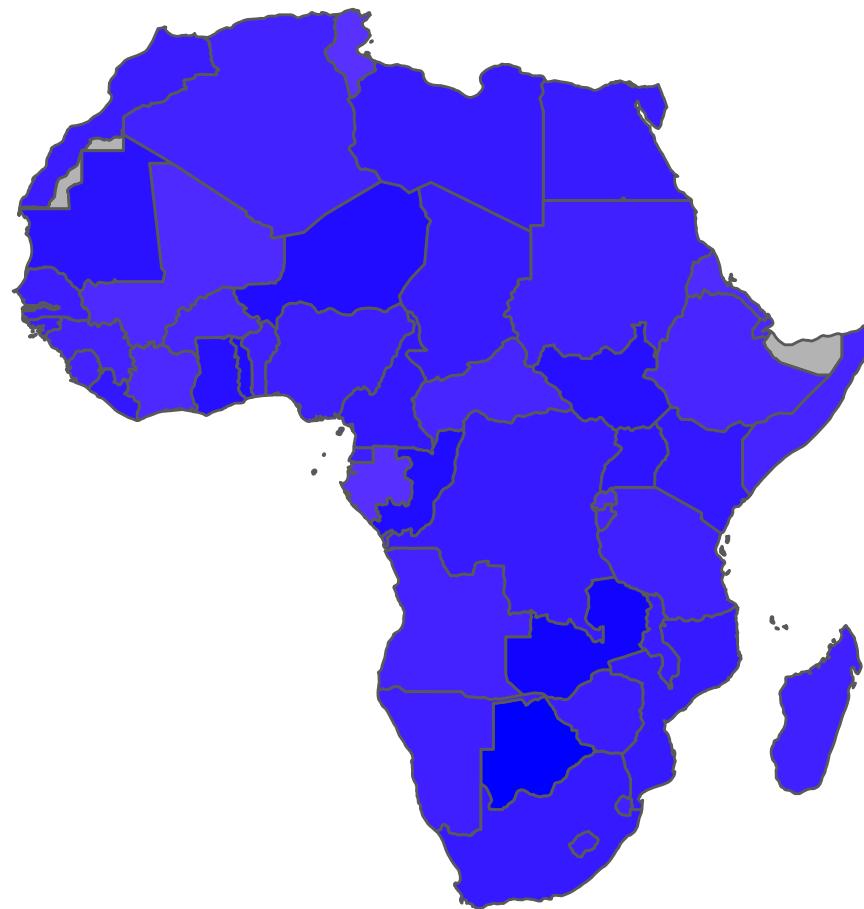
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Tetanus (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

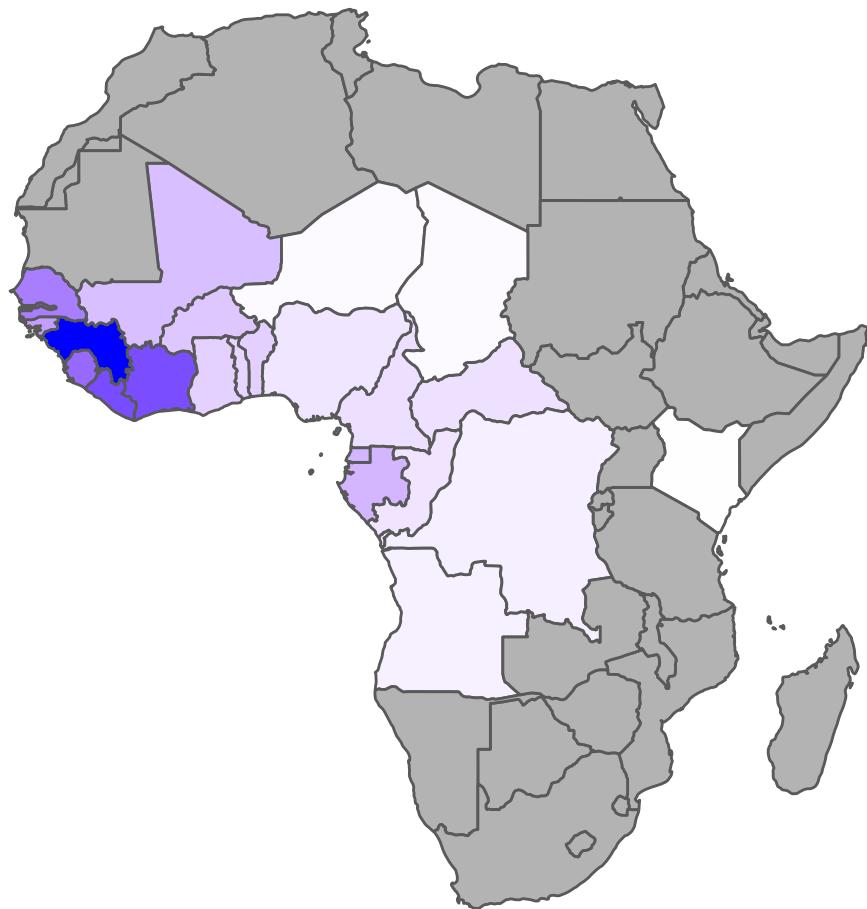
200

190

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



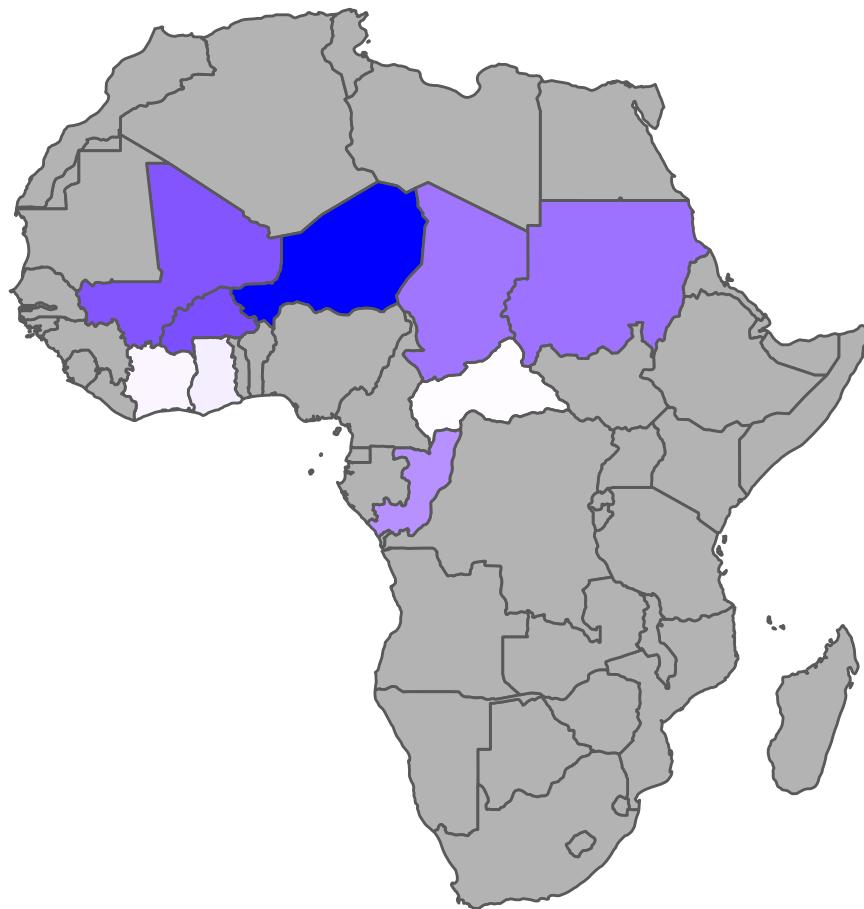
benefit–risk ratio

2000
1500
1000
500

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

MenA

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



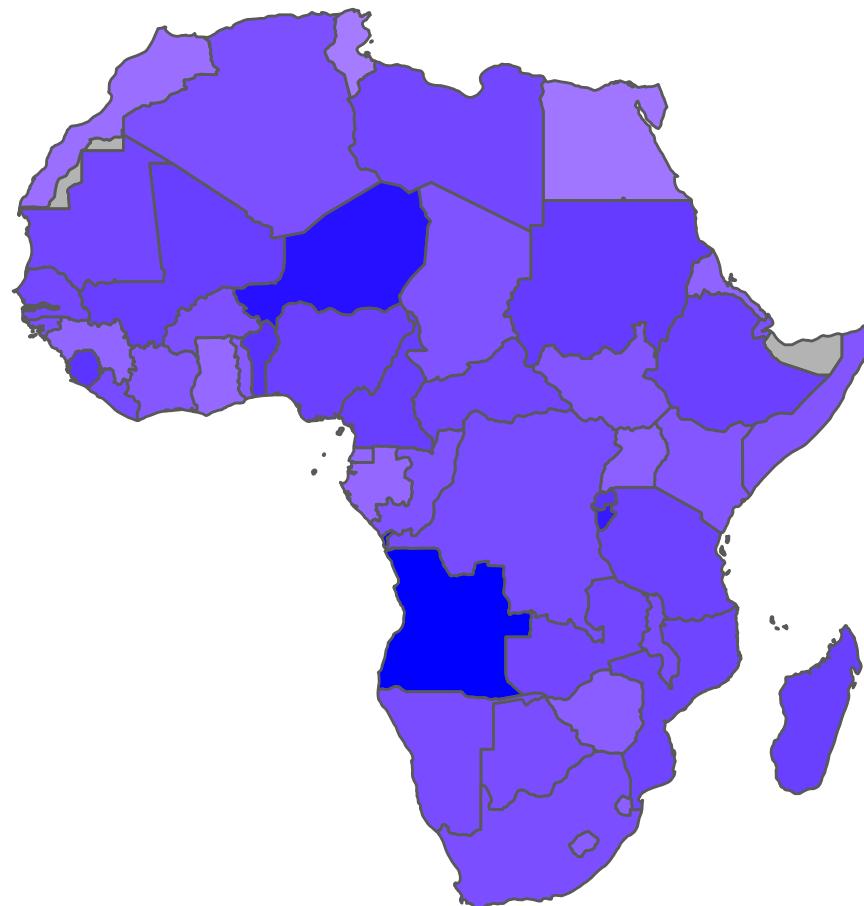
benefit–risk ratio

40
30
20
10

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



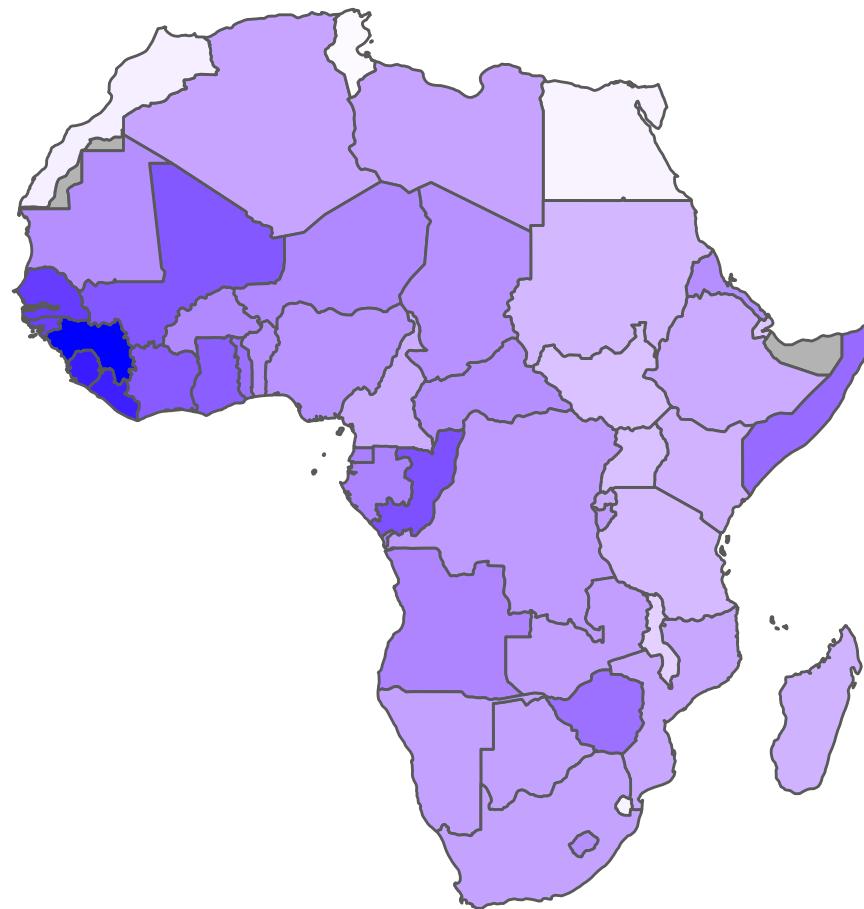
benefit–risk ratio

1800
1600
1400
1200

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

MCV1, RCV1, MenA, YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



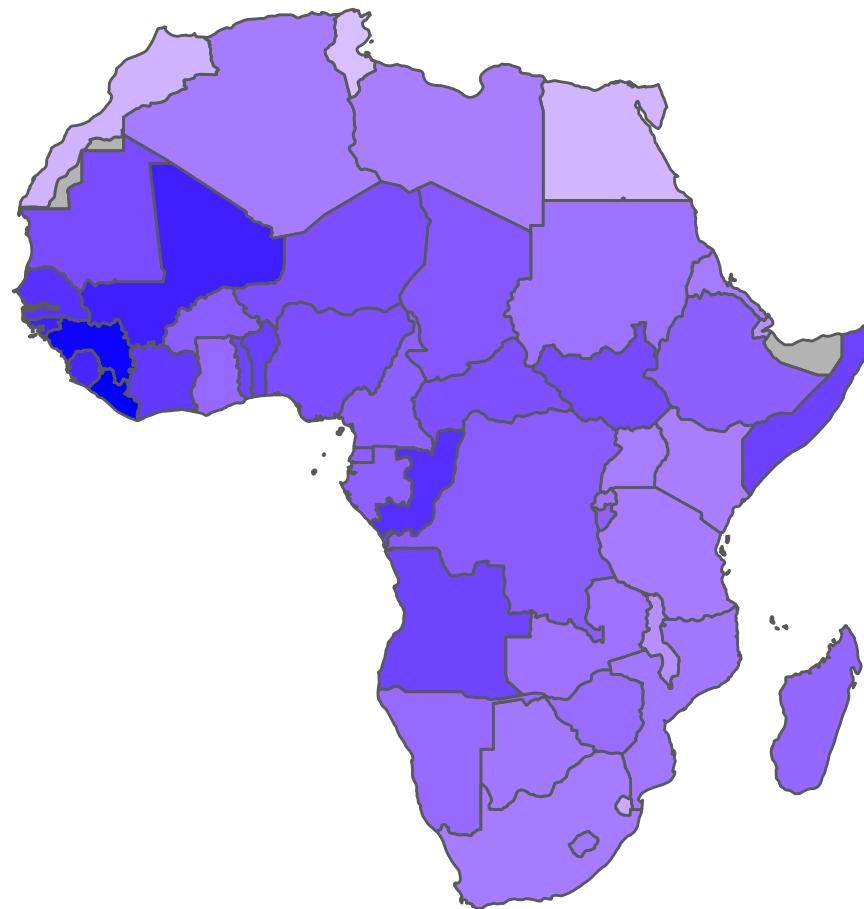
benefit–risk ratio

5000
4000
3000
2000
1000

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

2000

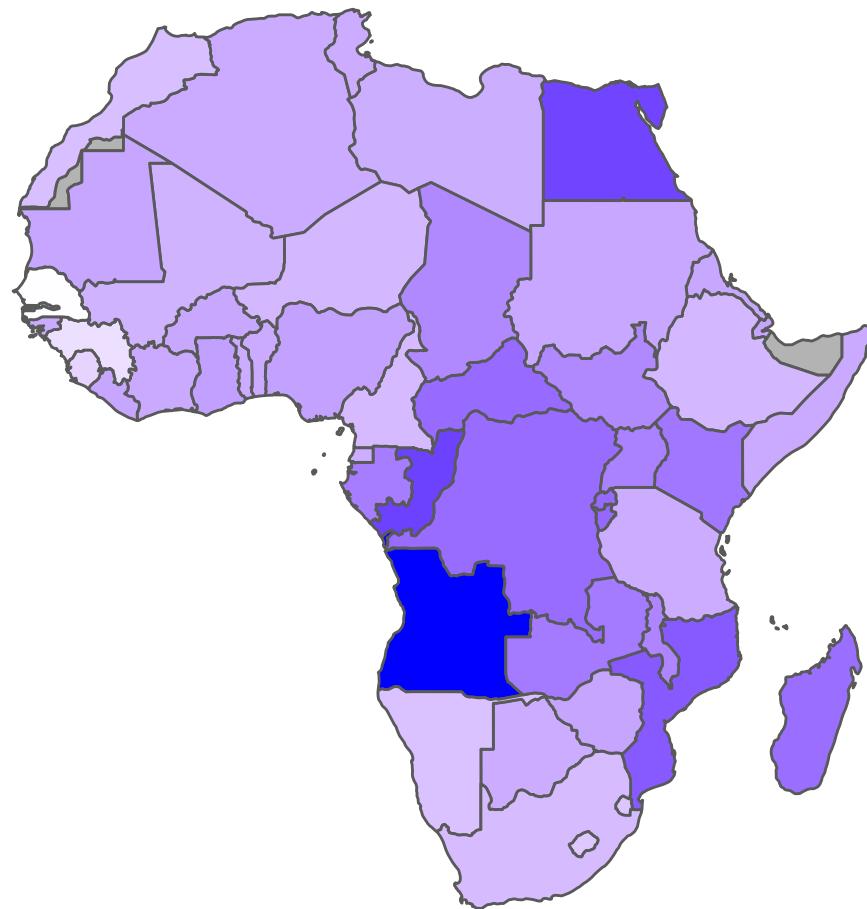
1500

1000

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

Diphtheria (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

4

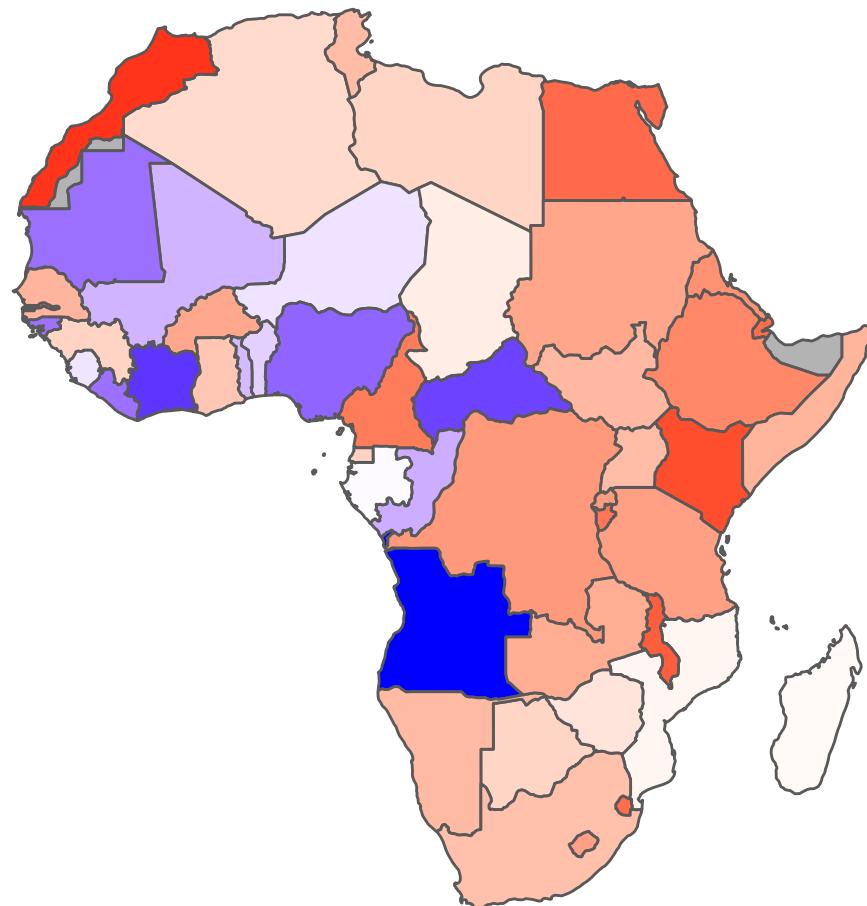
3

2

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

HepB3

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

1.5

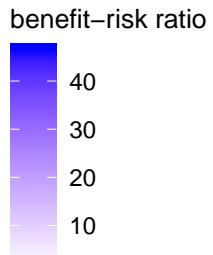
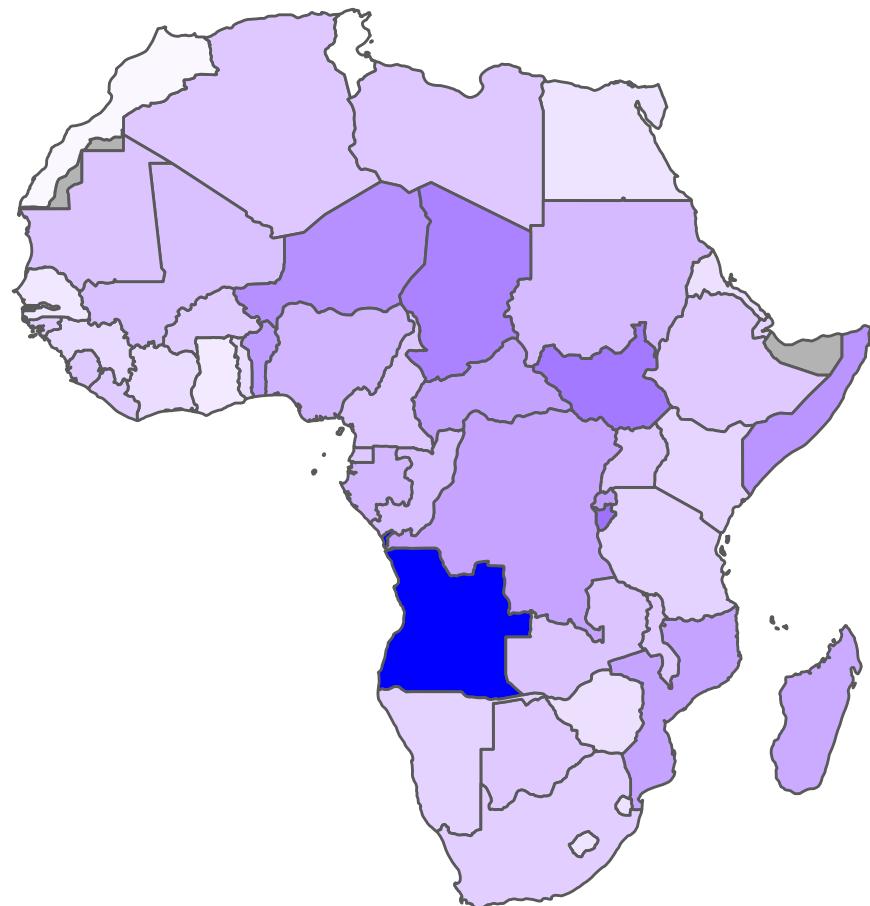
1.0

0.5

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

Hib3

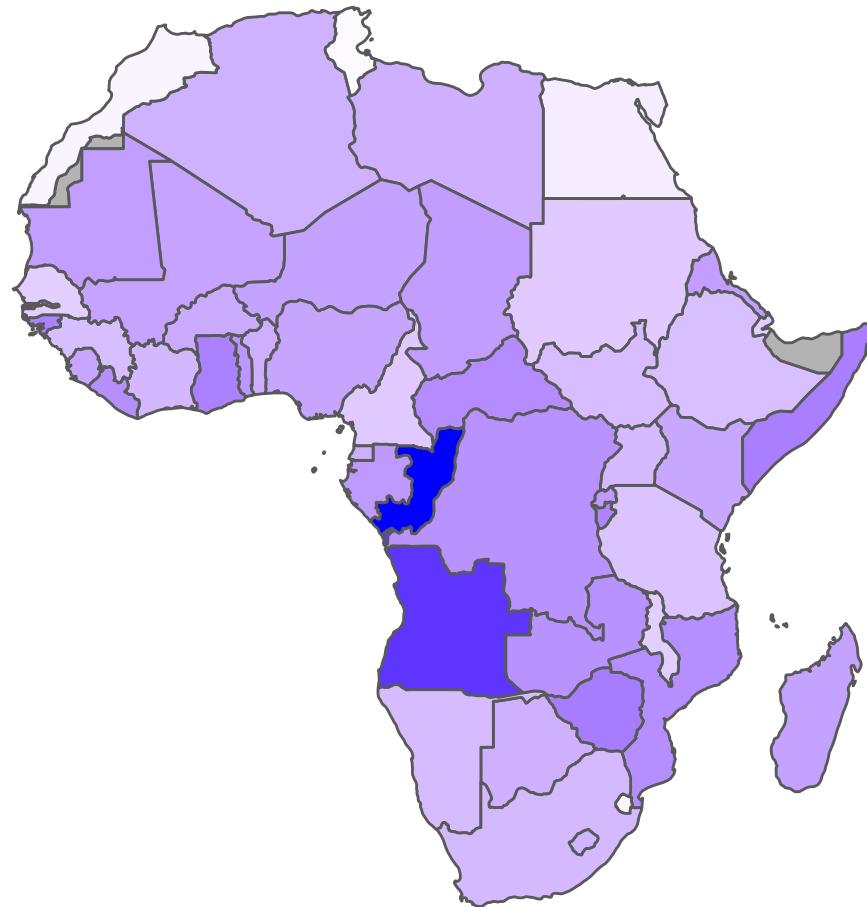
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MCV1

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



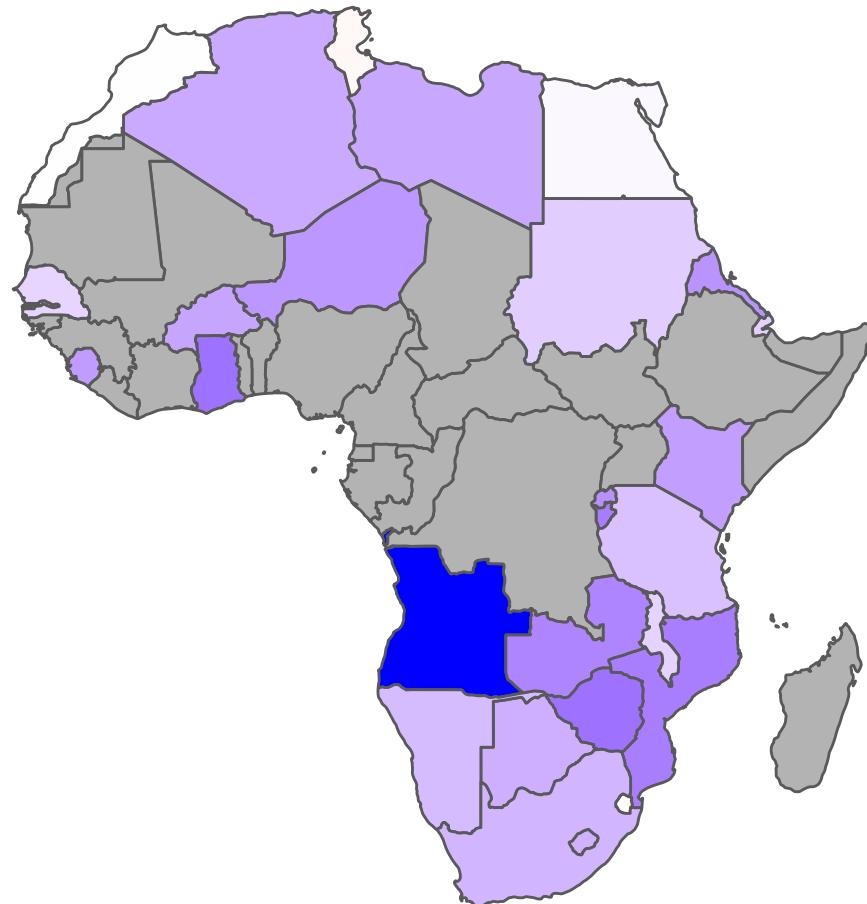
benefit–risk ratio

400
300
200
100

EPI benefits versus COVID-19 risks / grandparent_benefit_risk_ratio

MCV2

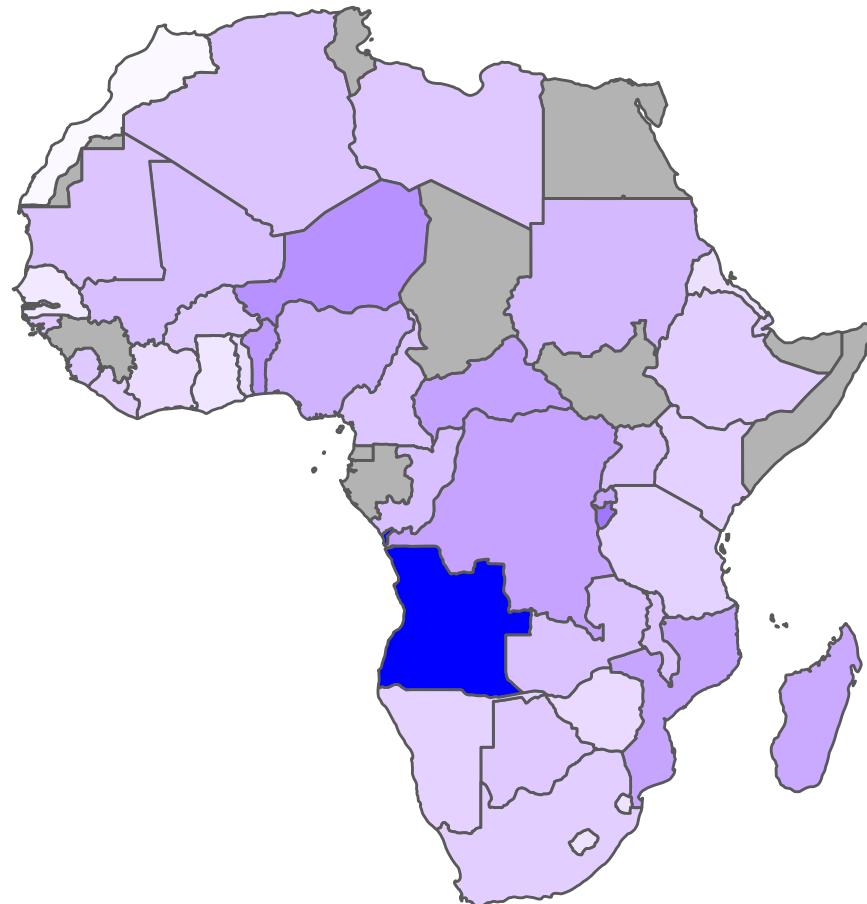
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID-19 risks / grandparent_benefit_risk_ratio

PCV3

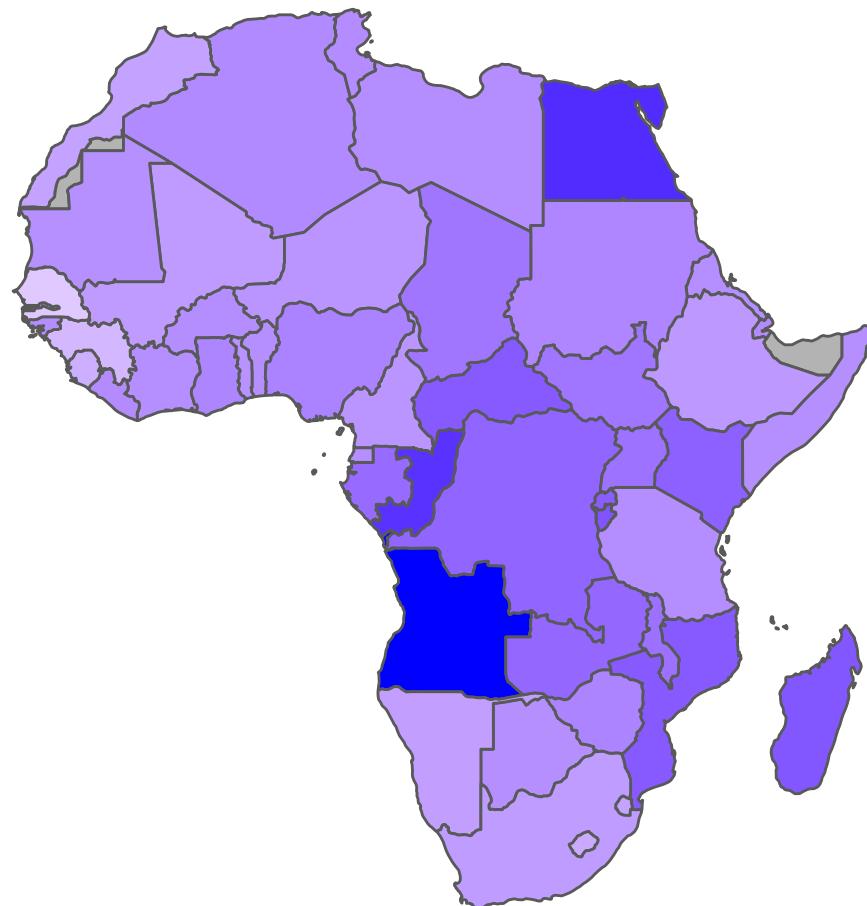
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

Pertussis (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID-19 risks / grandparent_benefit_risk_ratio

RCV1

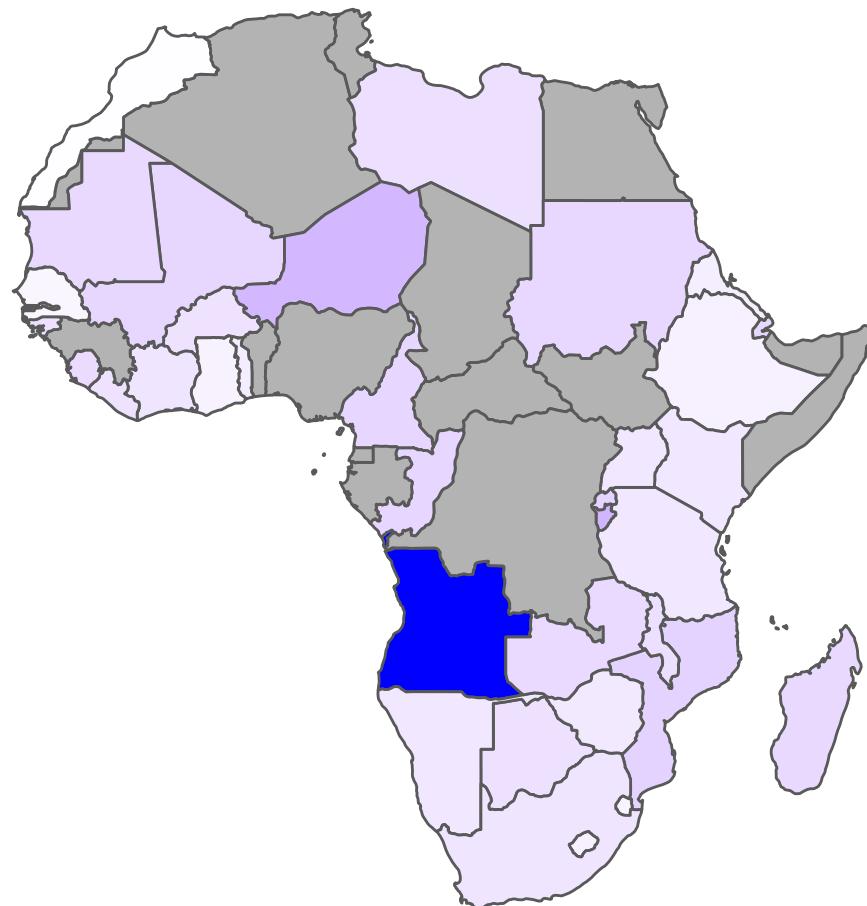
EPI suspension period: 6 months / vaccine impact: under 5-year-old children



EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



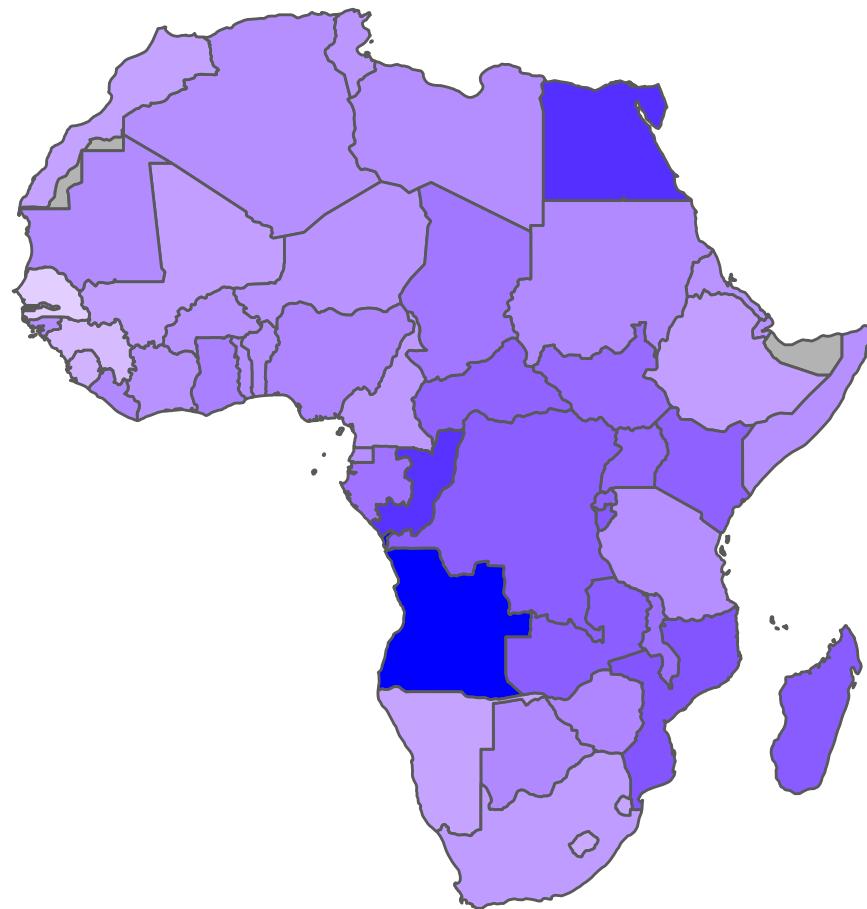
benefit–risk ratio

30
20
10

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

Tetanus (DTP3)

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



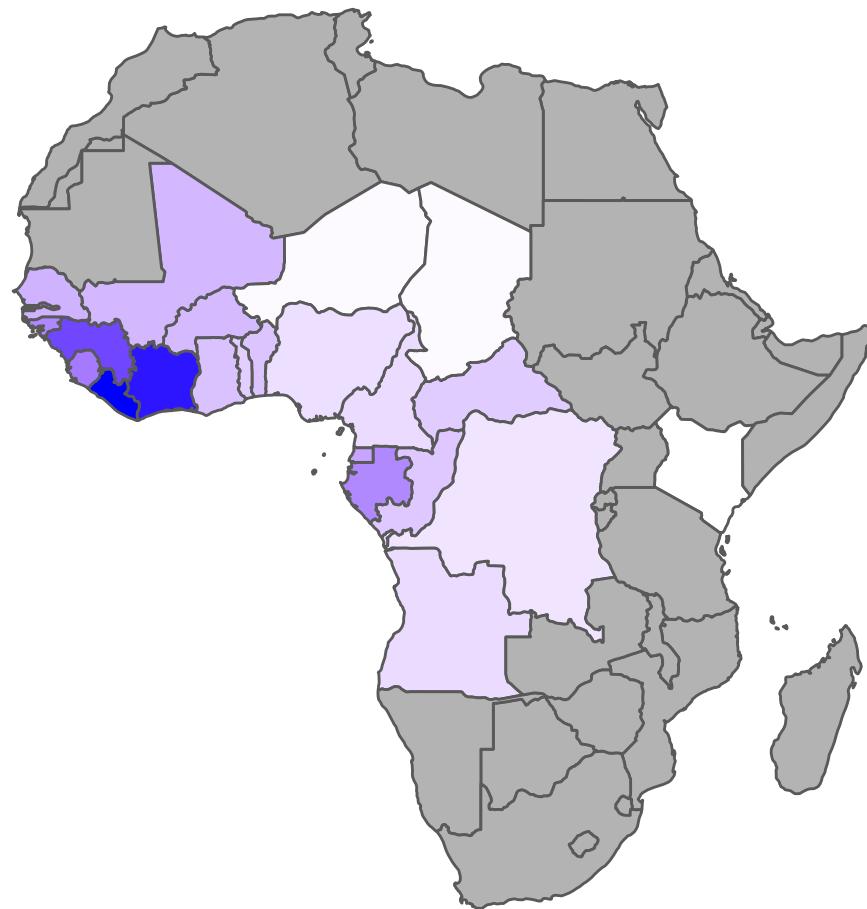
benefit–risk ratio

25
20
15
10

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

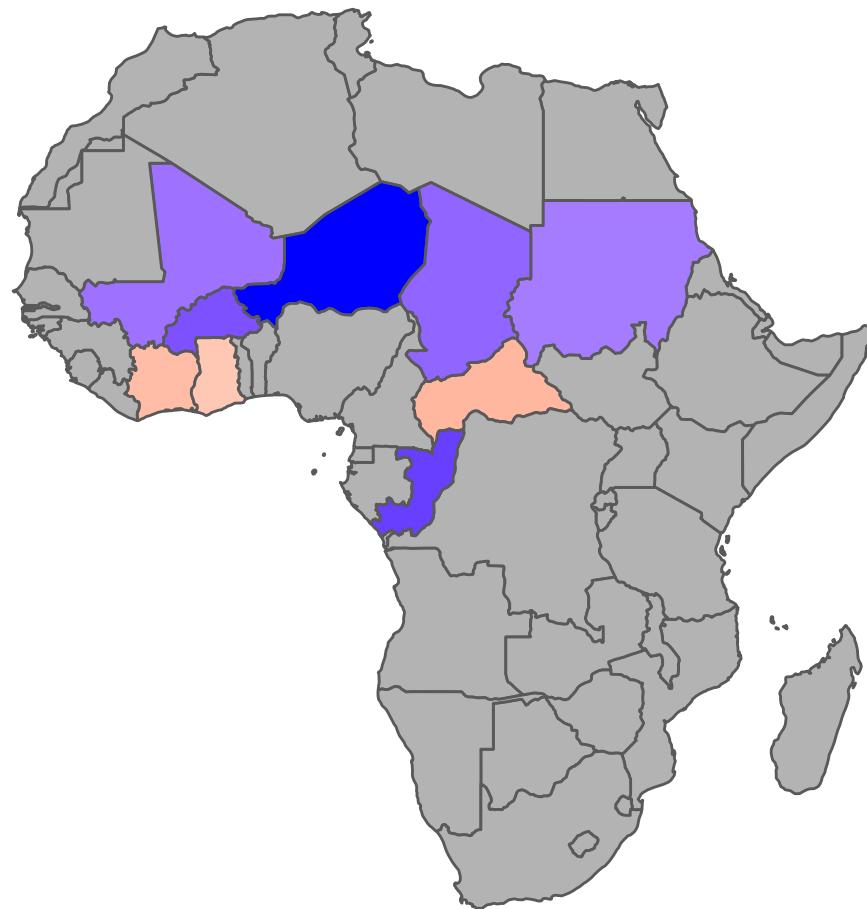
100

50

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MenA

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

3

2

1

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



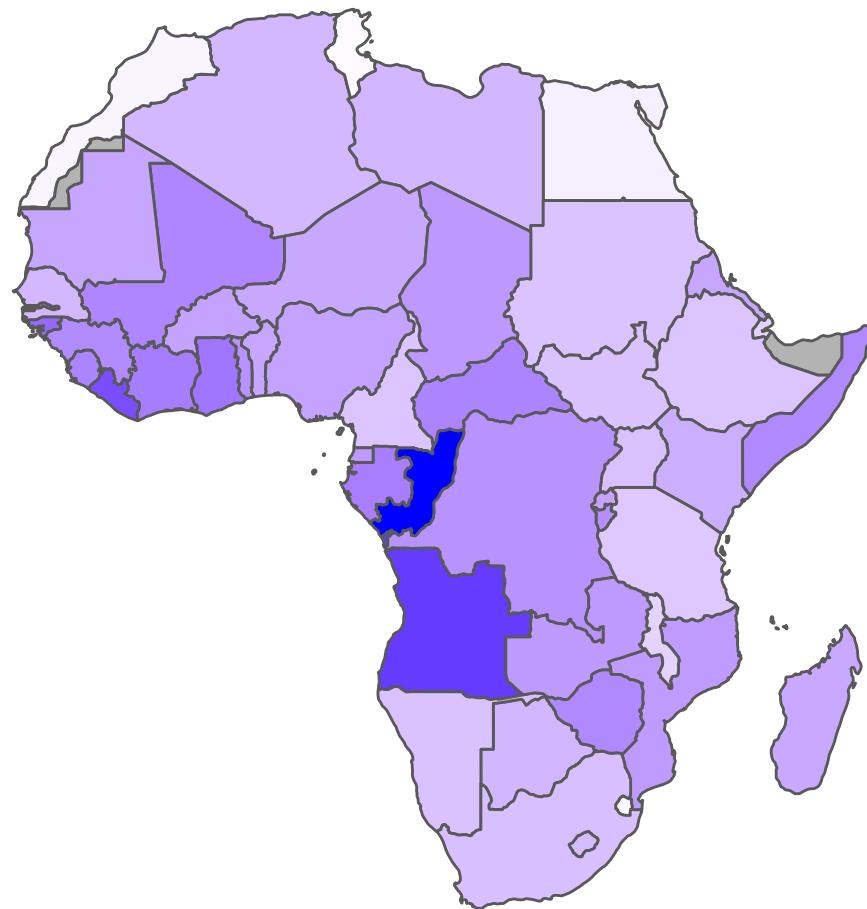
benefit–risk ratio

250
200
150
100
50

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MCV1, RCV1, MenA, YFV

EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

400
300
200
100

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

DTP3, HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2

EPI suspension period: 6 months / vaccine impact: under 5-year-old children

