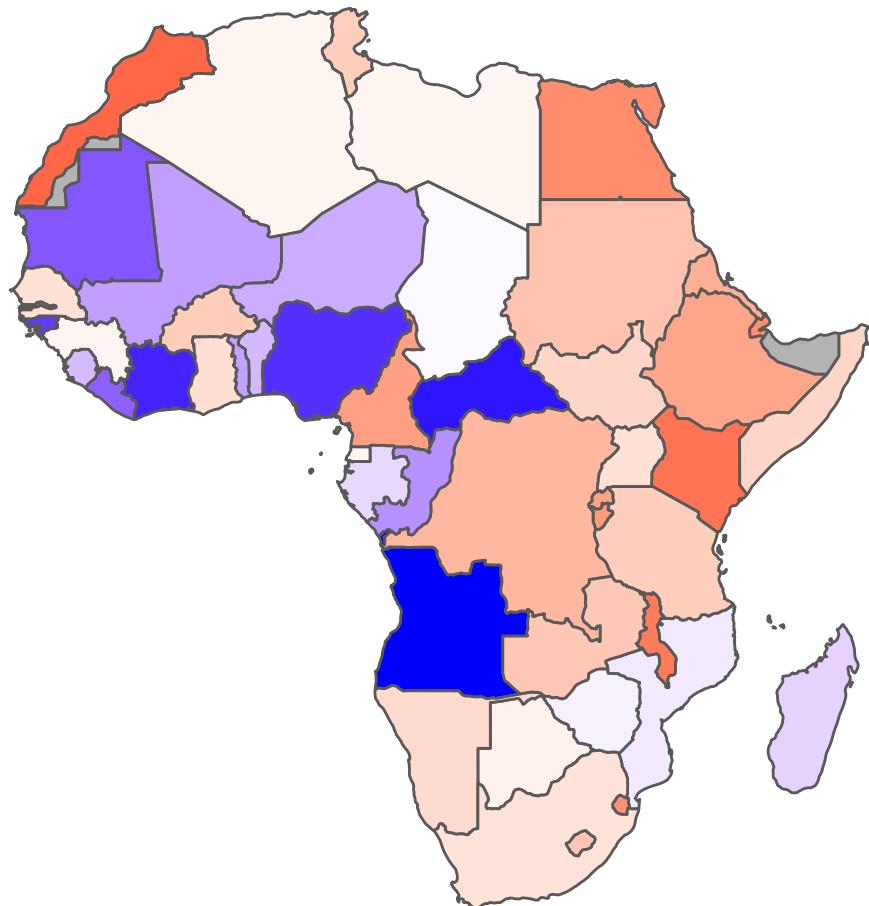


EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

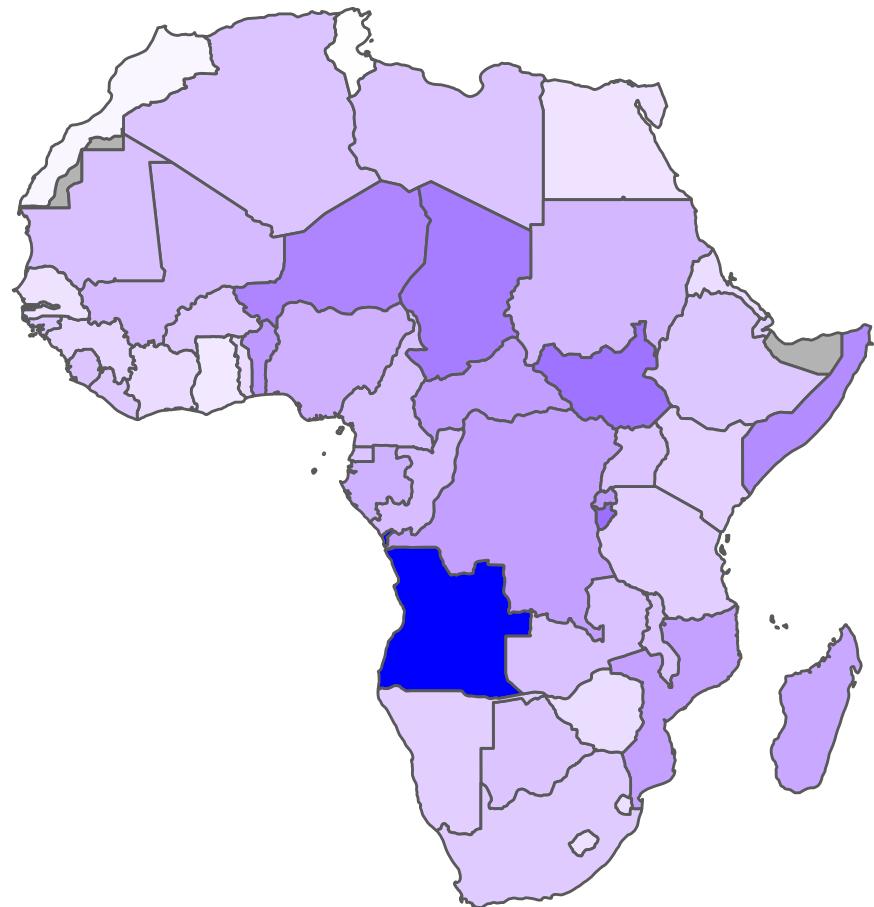


benefit–risk ratio



EPI benefits versus COVID–19 risks / benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

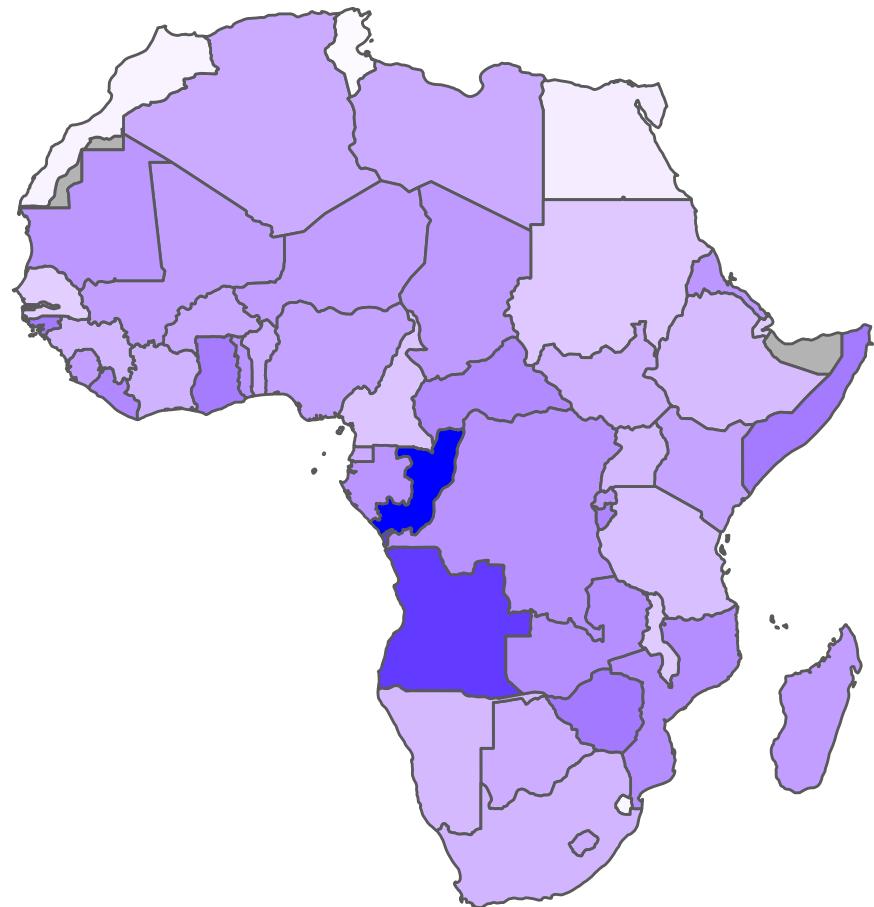


benefit–risk ratio

50
40
30
20
10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

MCV1 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

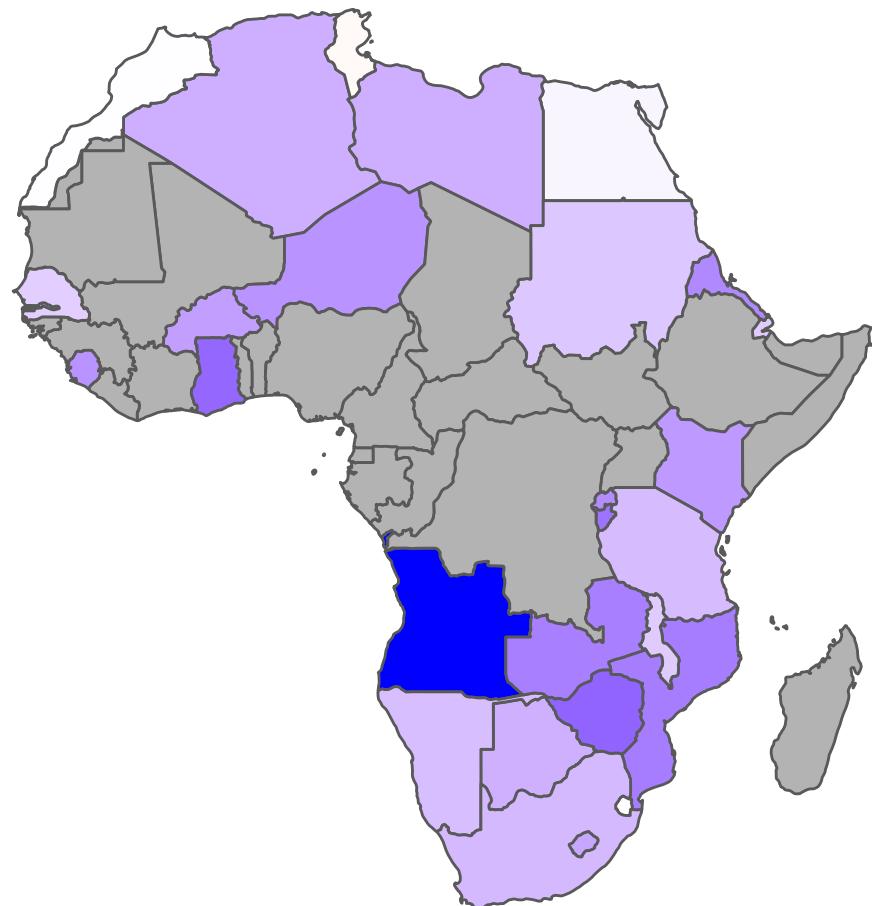


benefit–risk ratio

500
400
300
200
100

EPI benefits versus COVID–19 risks / benefit_risk_ratio

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



benefit–risk ratio

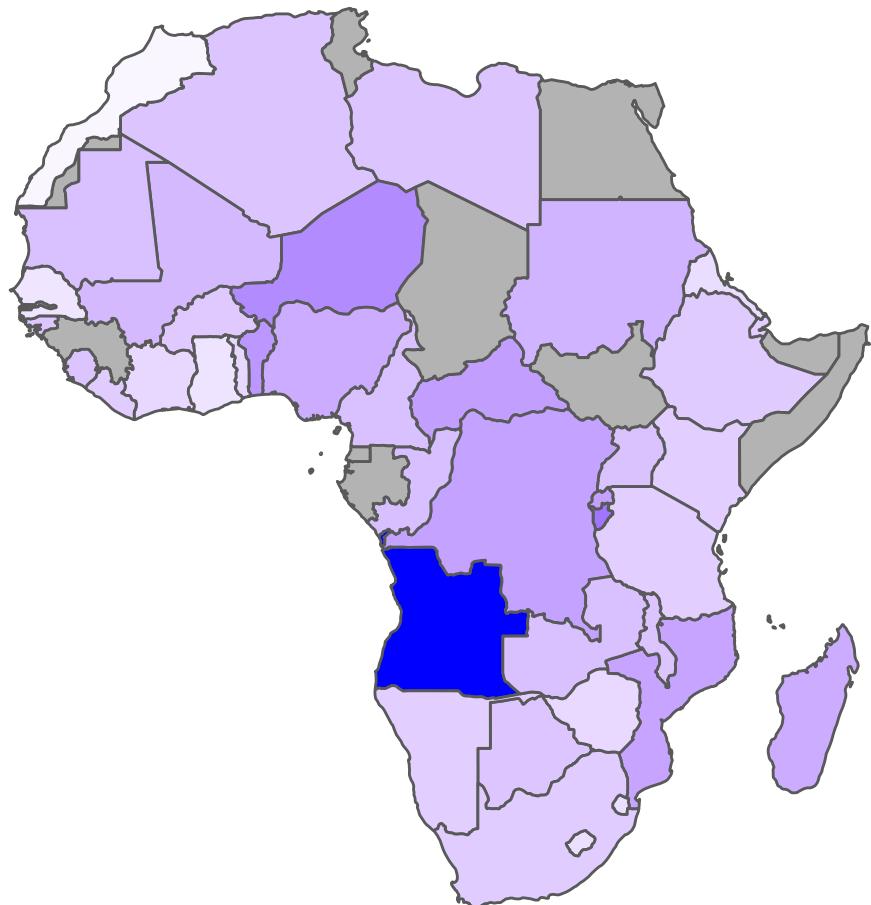
15

10

5

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

40

30

20

10

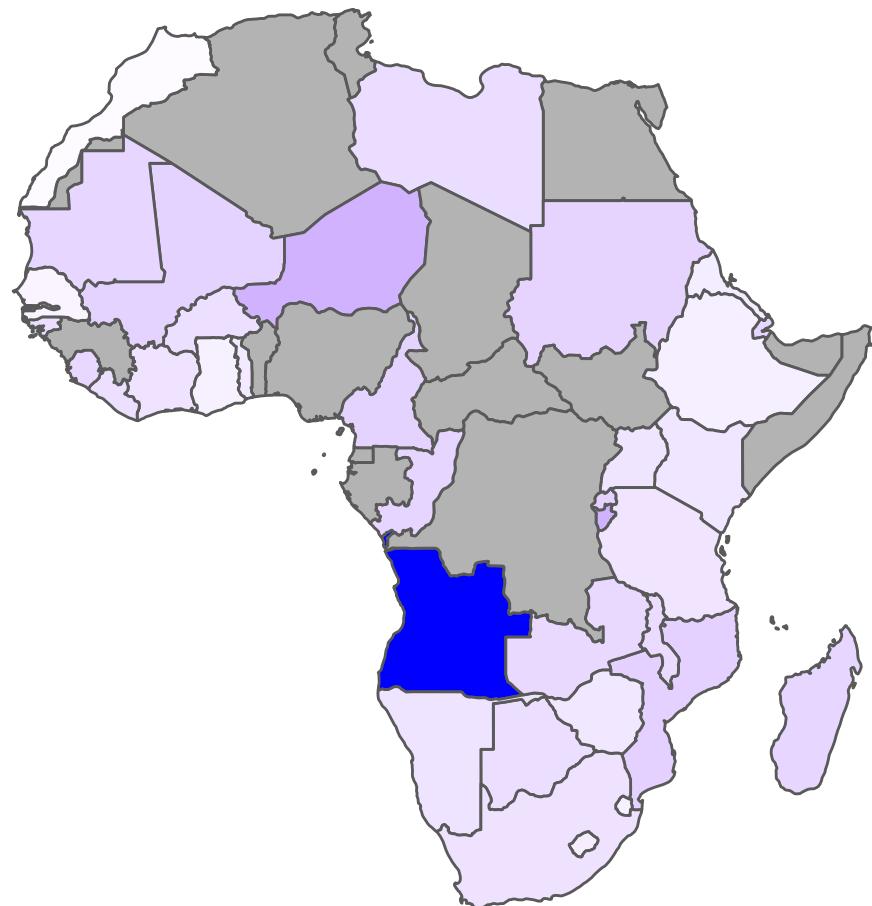
EPI benefits versus COVID-19 risks / benefit_risk_ratio

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

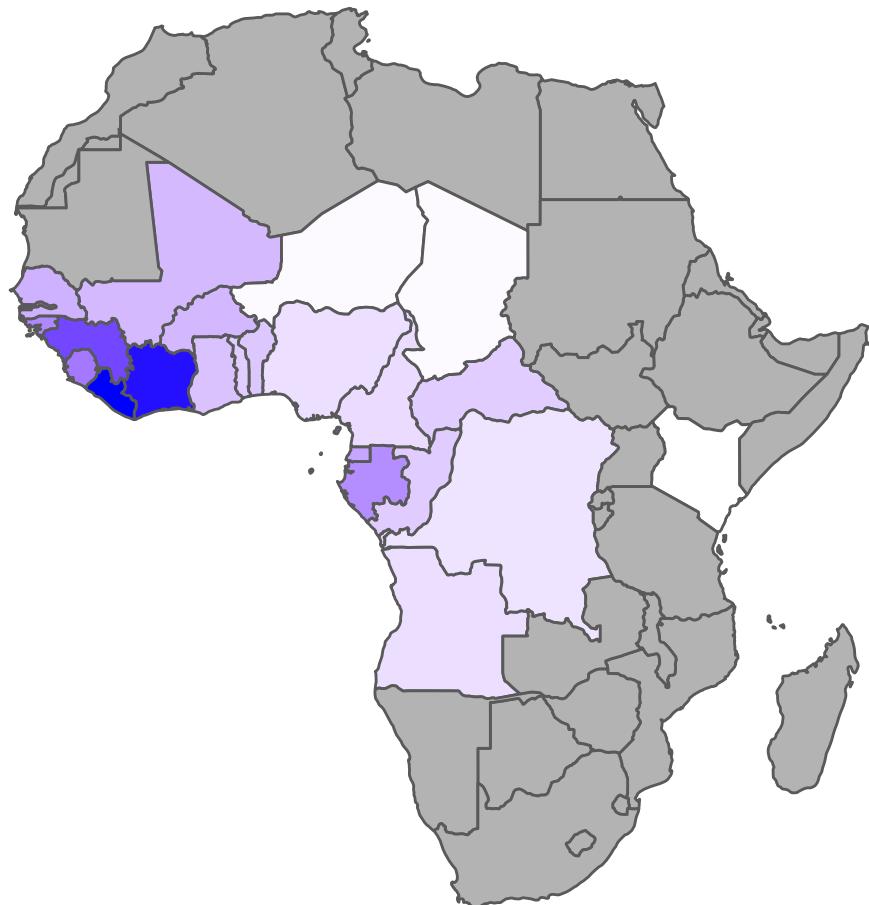


benefit–risk ratio

40
30
20
10

EPI benefits versus COVID–19 risks / benefit_risk_ratio

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



benefit–risk ratio

160

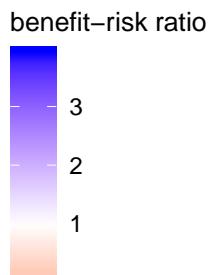
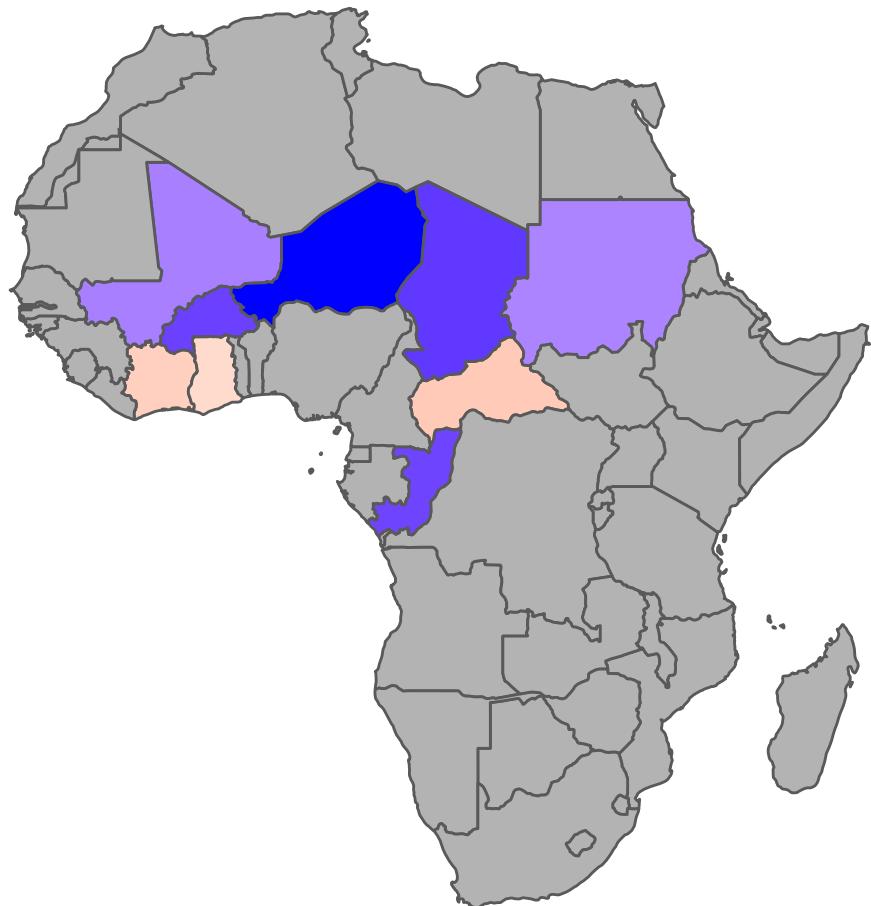
120

80

40

EPI benefits versus COVID–19 risks / benefit_risk_ratio

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



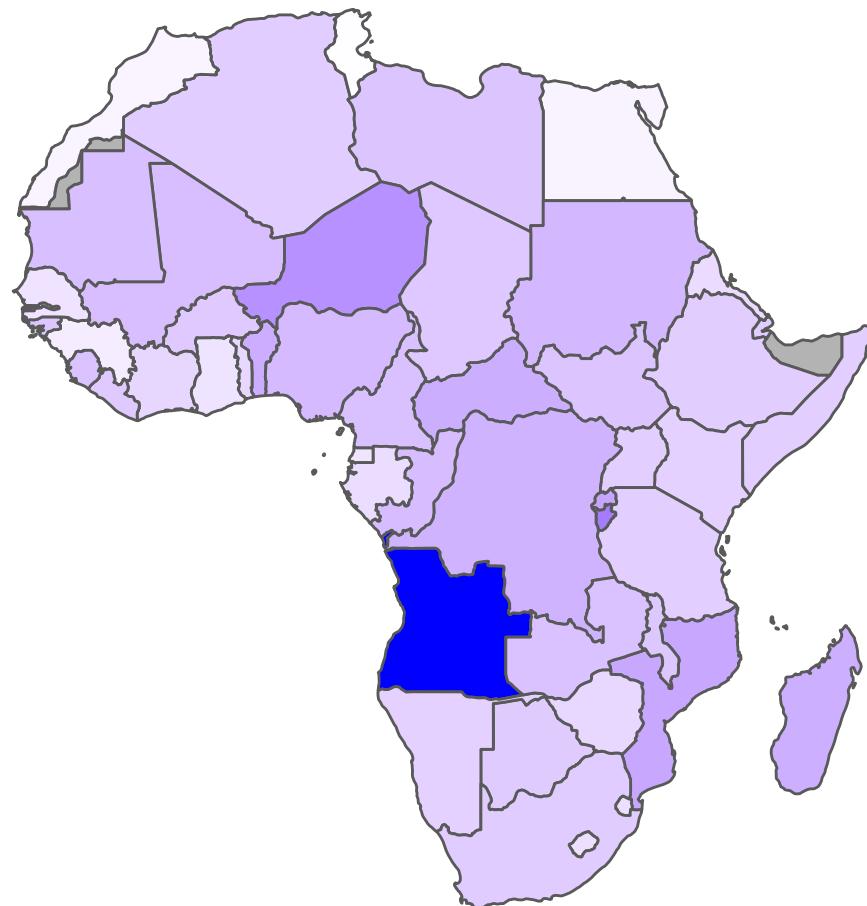
EPI benefits versus COVID-19 risks / benefit_risk_ratio

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



EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

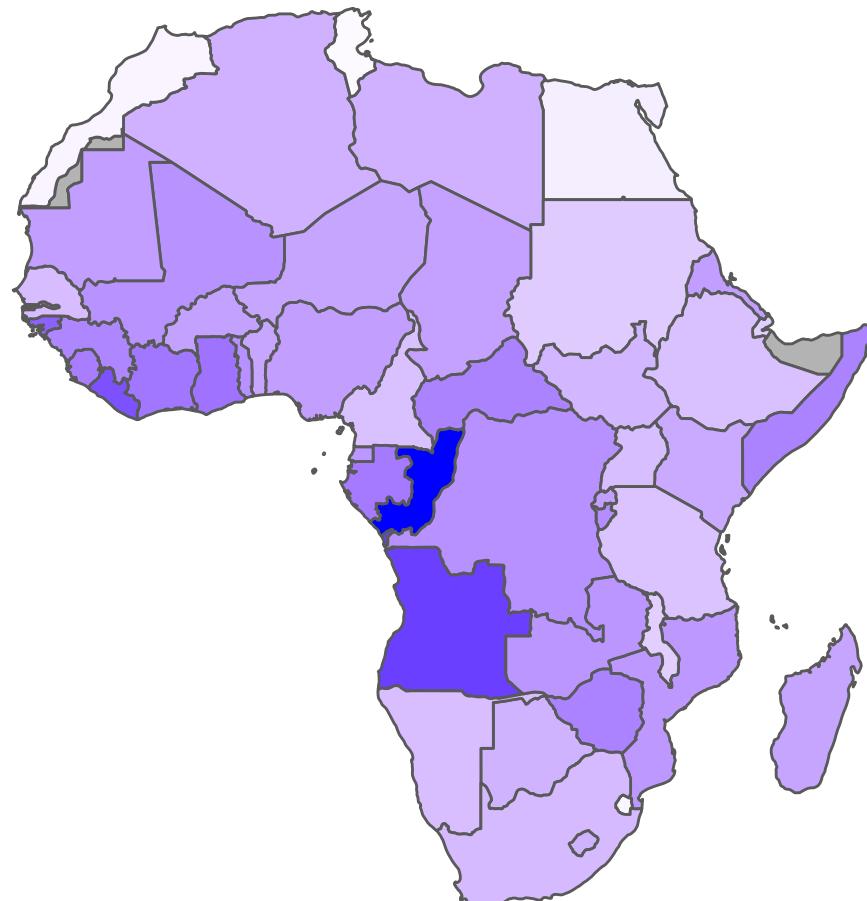


benefit–risk ratio

125
100
75
50
25

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

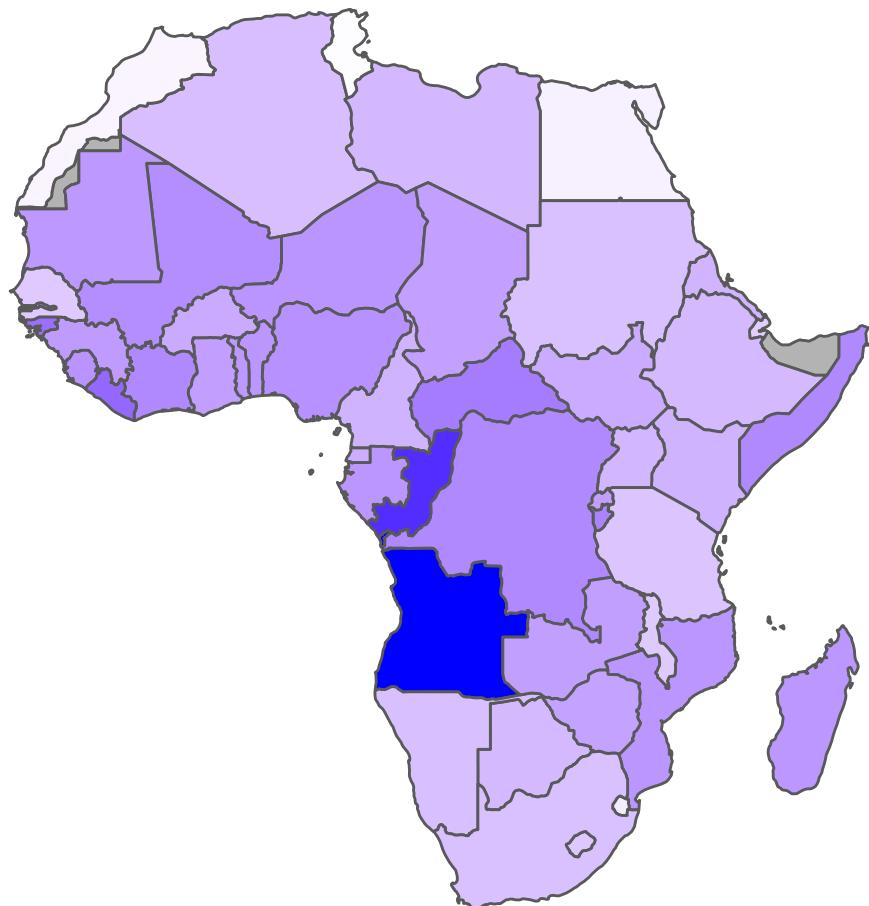


benefit–risk ratio

500
400
300
200
100

EPI benefits versus COVID–19 risks / benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

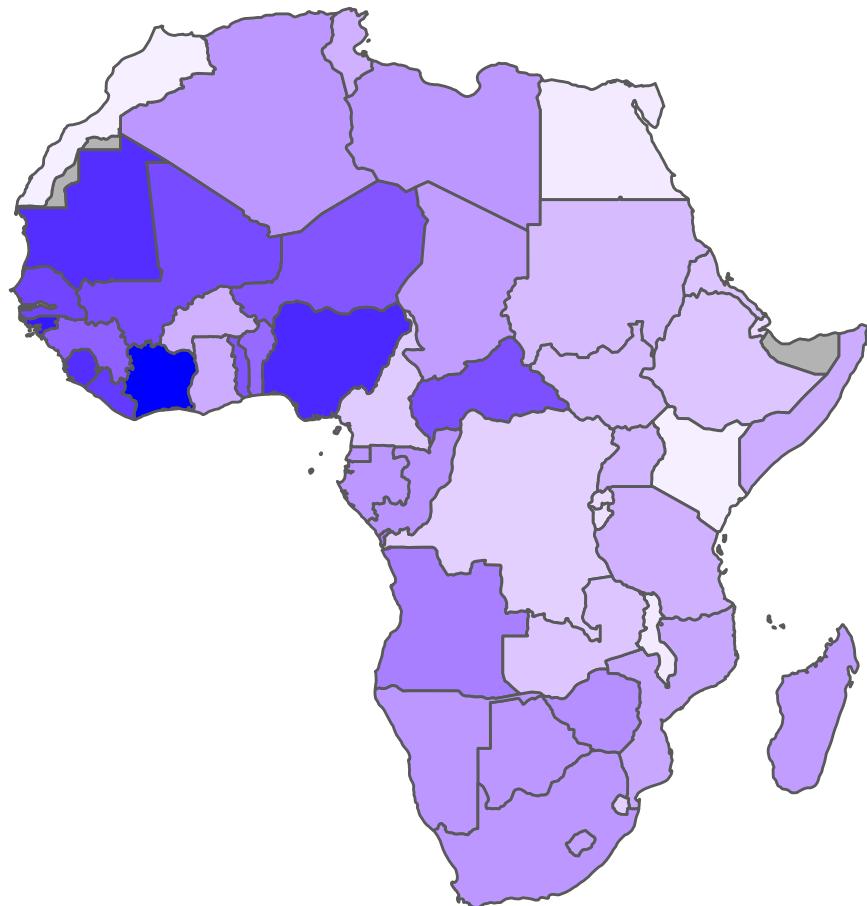
150

100

50

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

1200

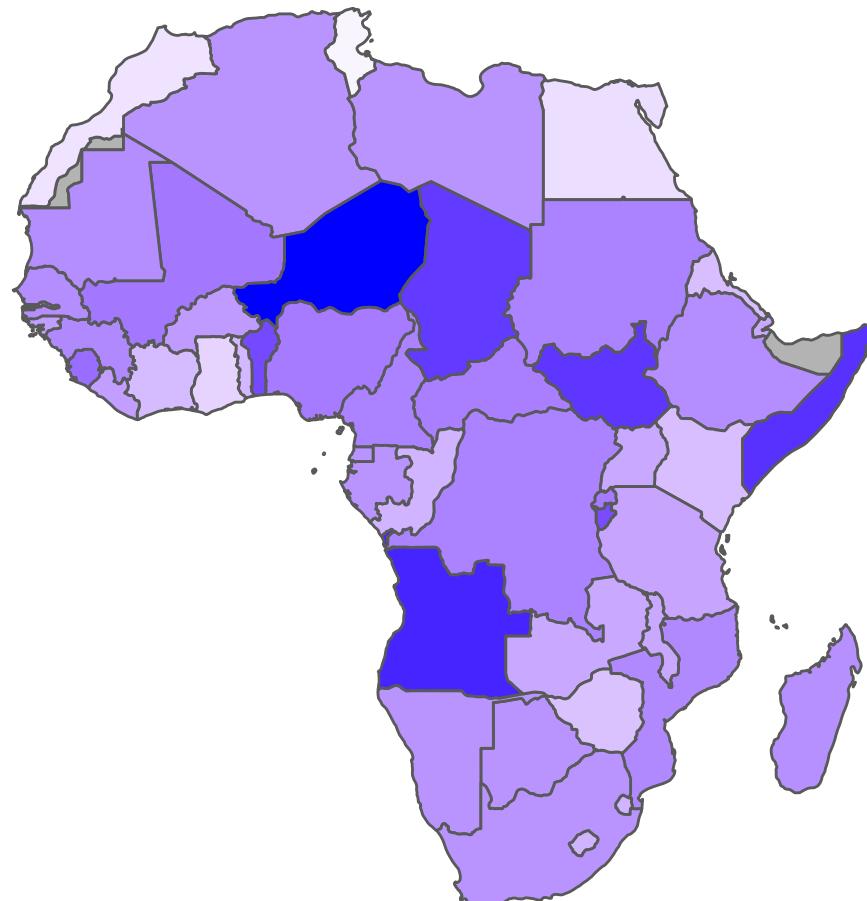
900

600

300

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

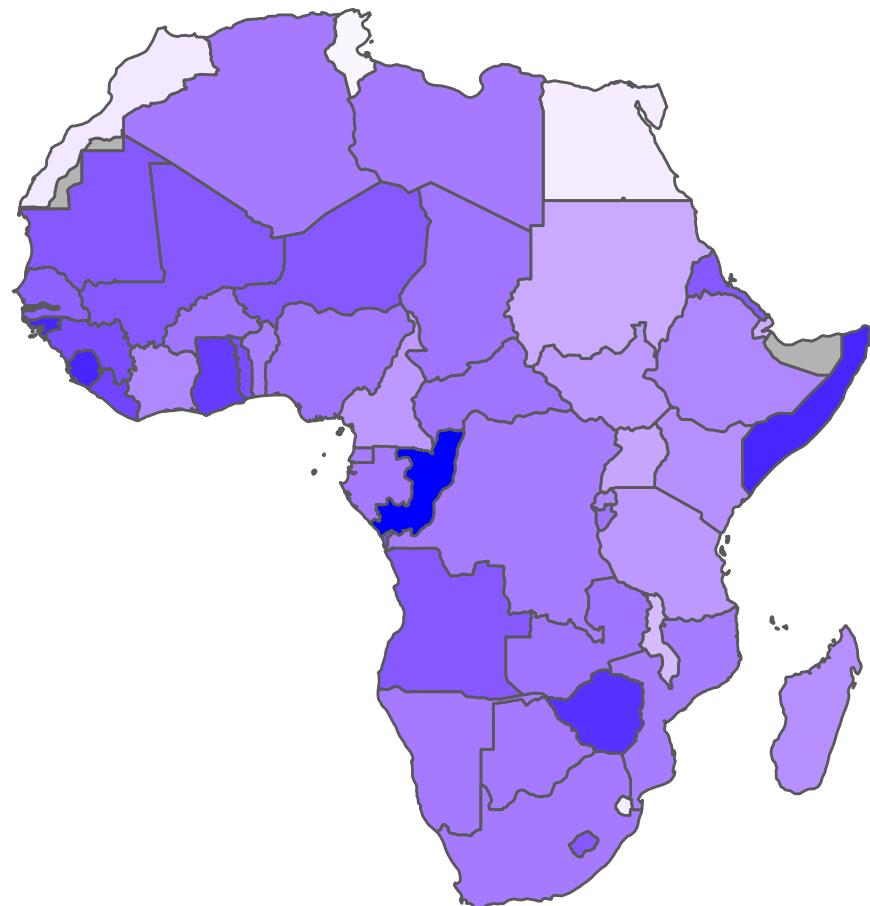
15000

10000

5000

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

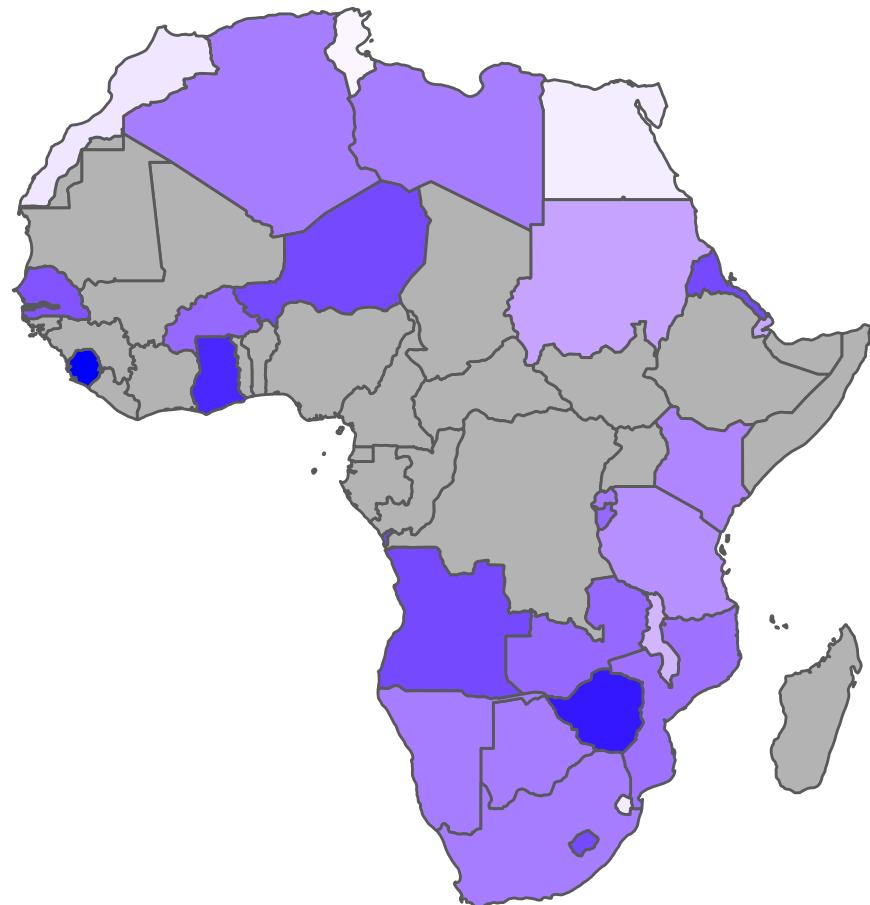
150000

100000

50000

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

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

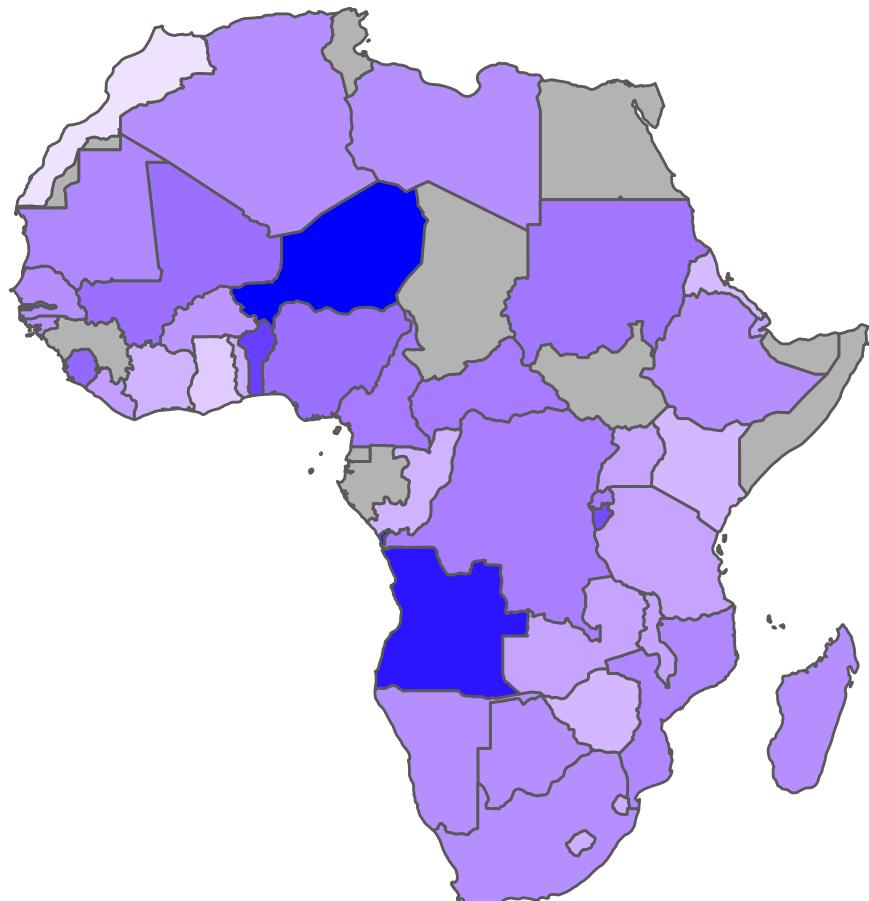


benefit–risk ratio

6000
4000
2000

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

15000

10000

5000

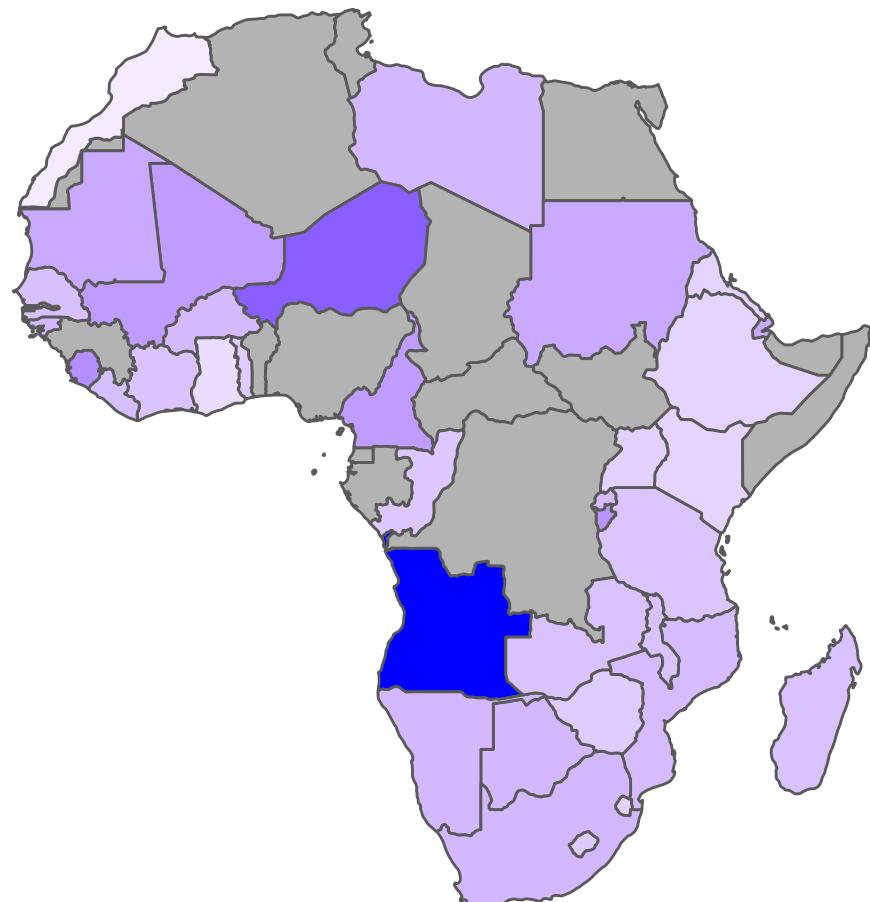
EPI benefits versus COVID-19 risks / child_benefit_risk_ratio

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

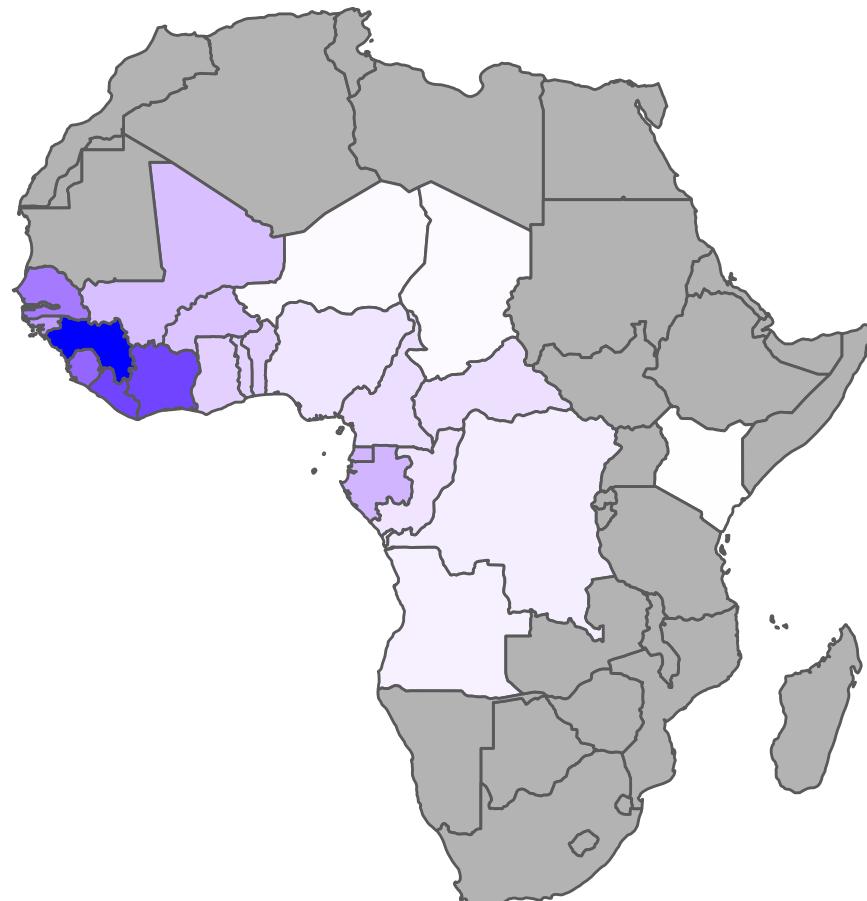


benefit–risk ratio

12500
10000
7500
5000
2500

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

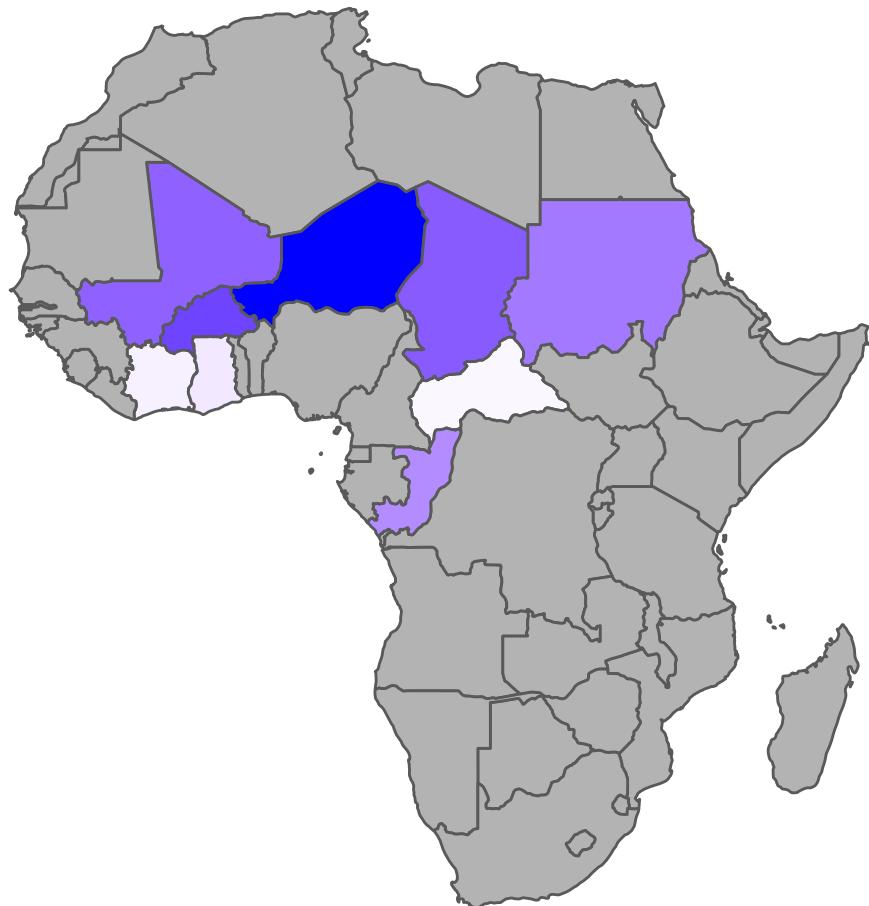
90000

60000

30000

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

2000

1500

1000

500

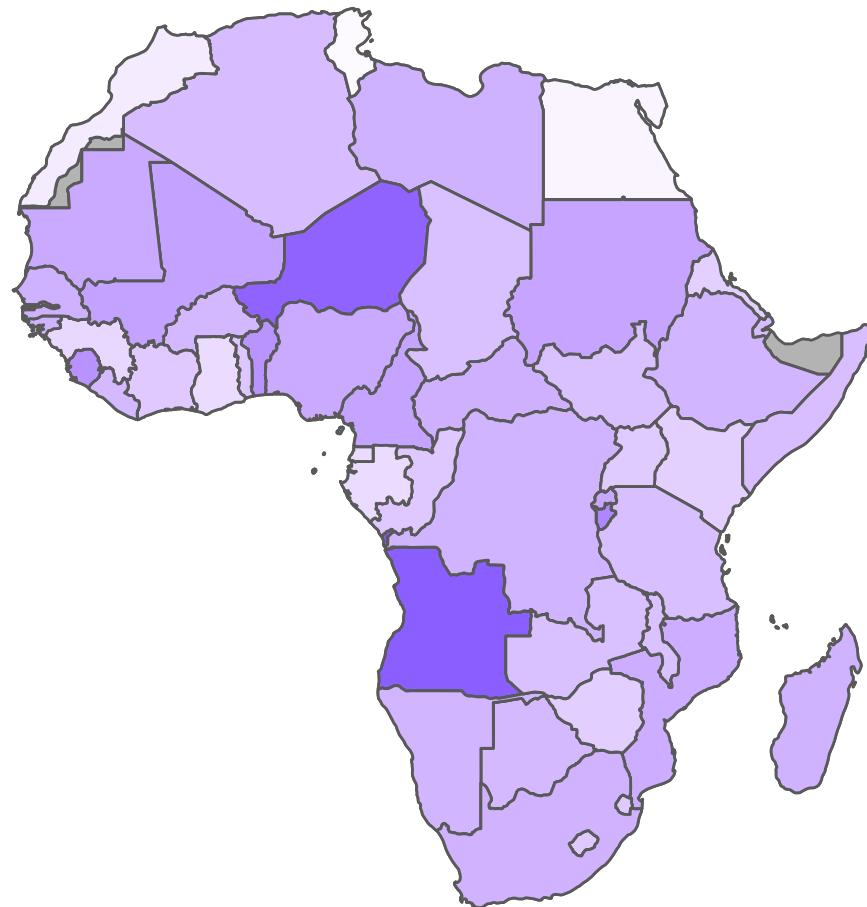
EPI benefits versus COVID-19 risks / child_benefit_risk_ratio

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



EPI benefits versus COVID–19 risks / childBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

50000
40000
30000
20000
10000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

6e+05

4e+05

2e+05

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

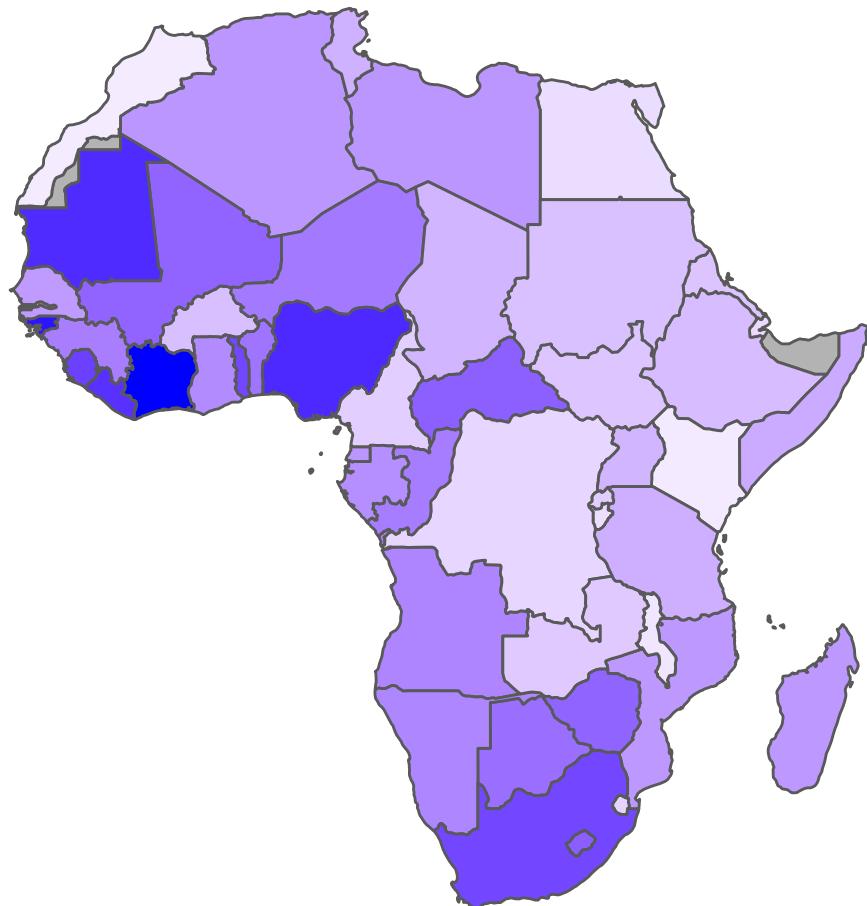
6e+05

4e+05

2e+05

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

1000

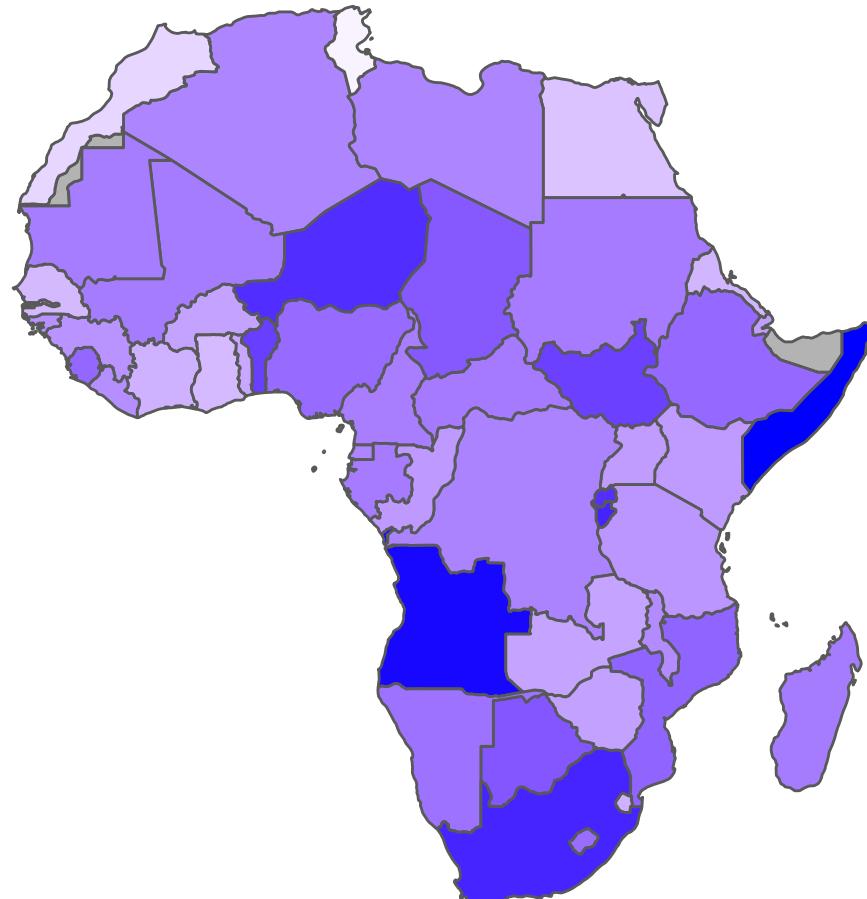
750

500

250

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

12500

10000

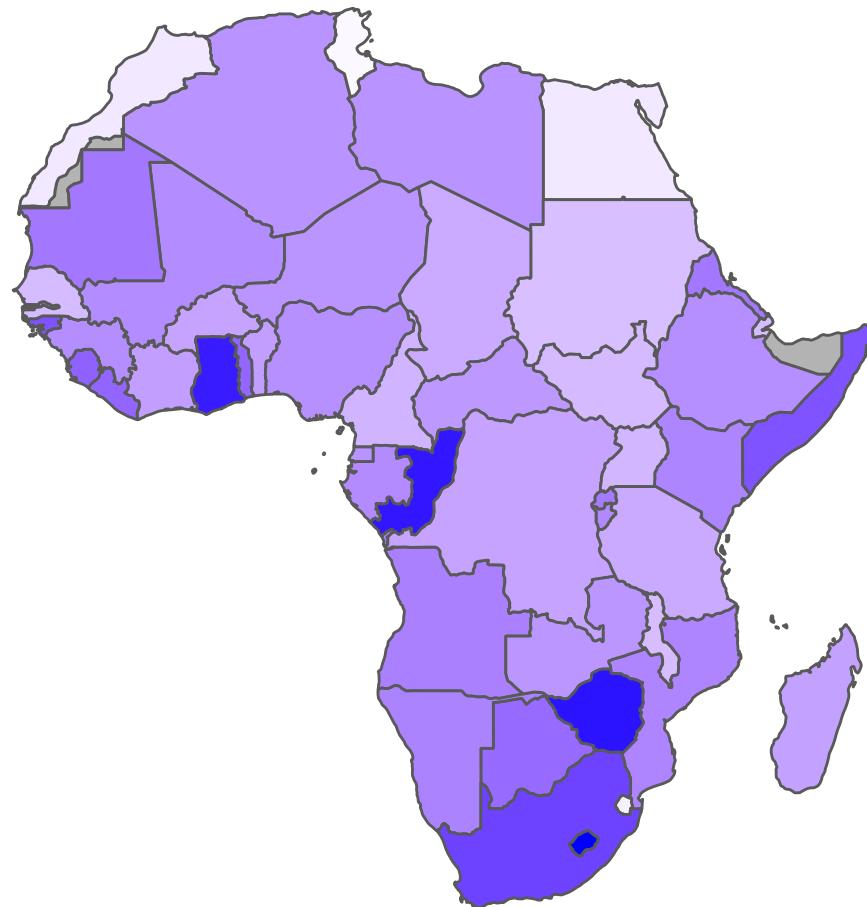
7500

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

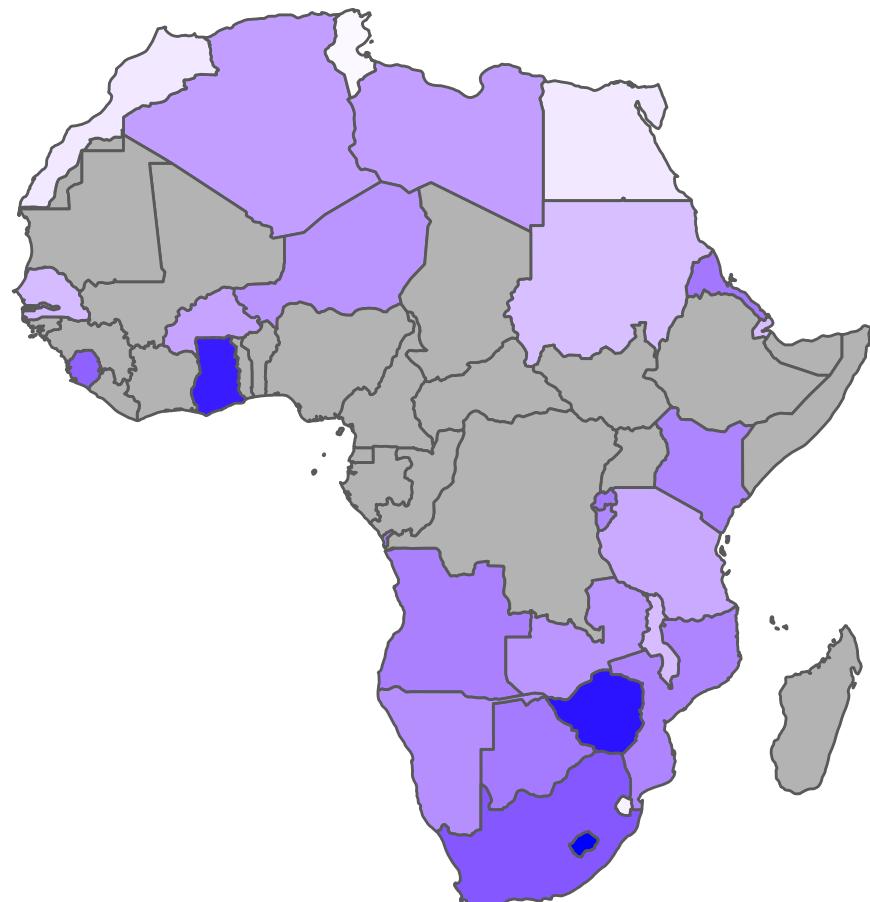
150000

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

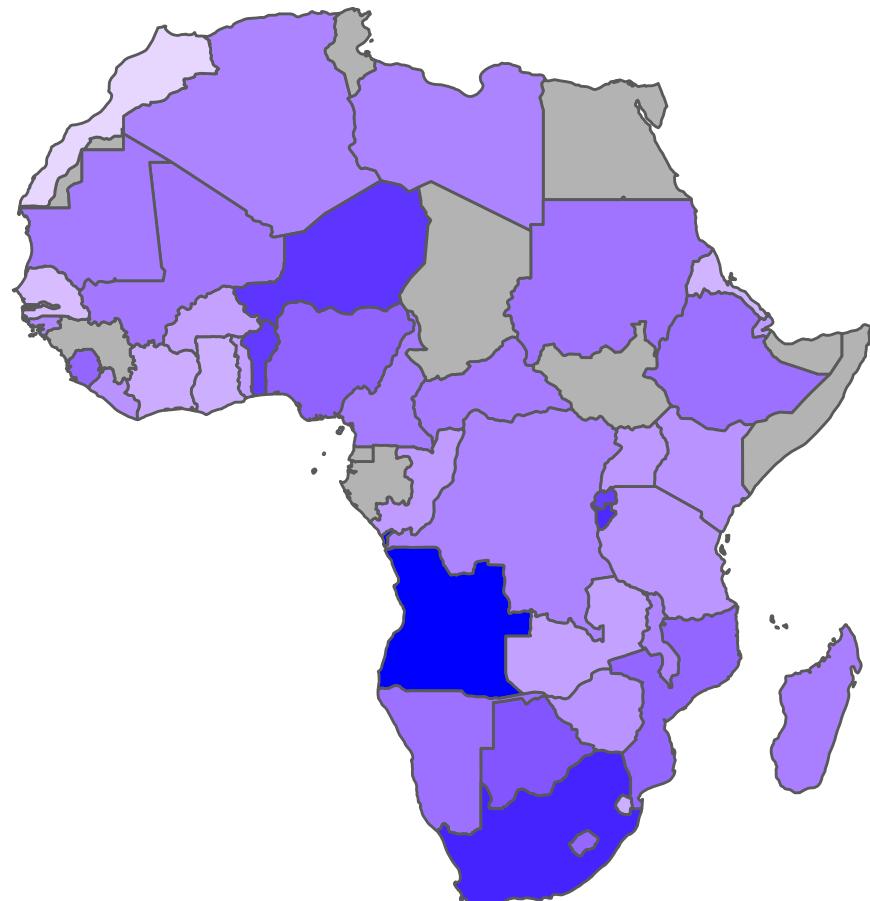


benefit–risk ratio

8000
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

10000

7500

5000

2500

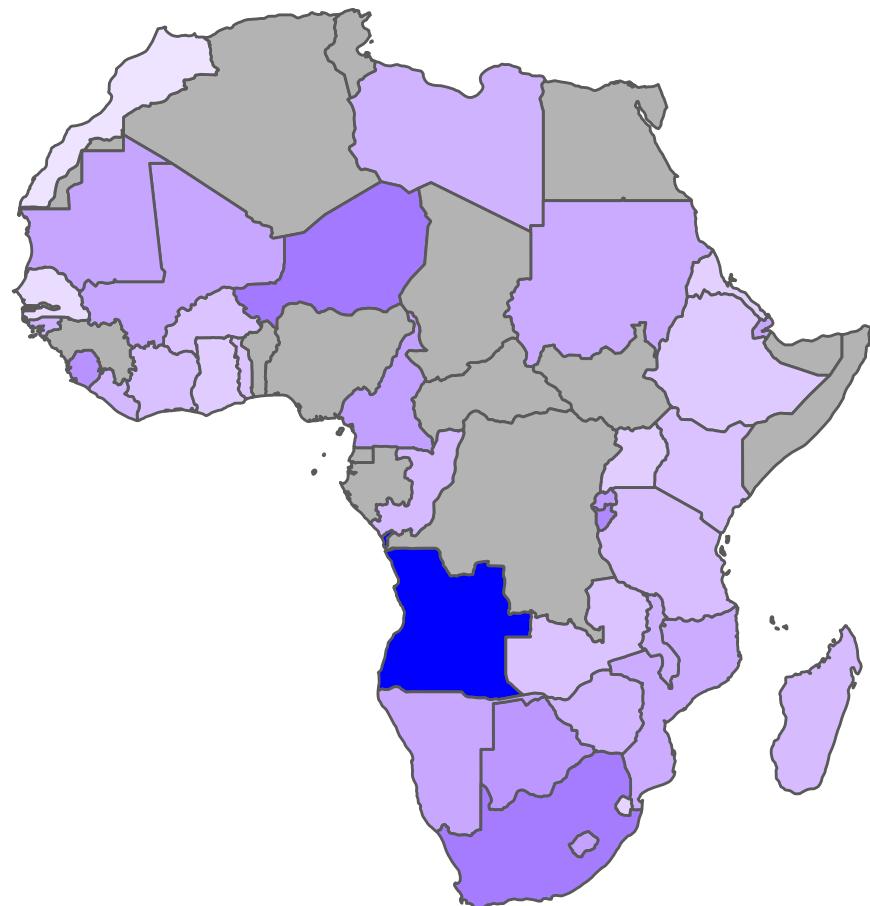
EPI benefits versus COVID-19 risks / sibling_benefit_risk_ratio

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

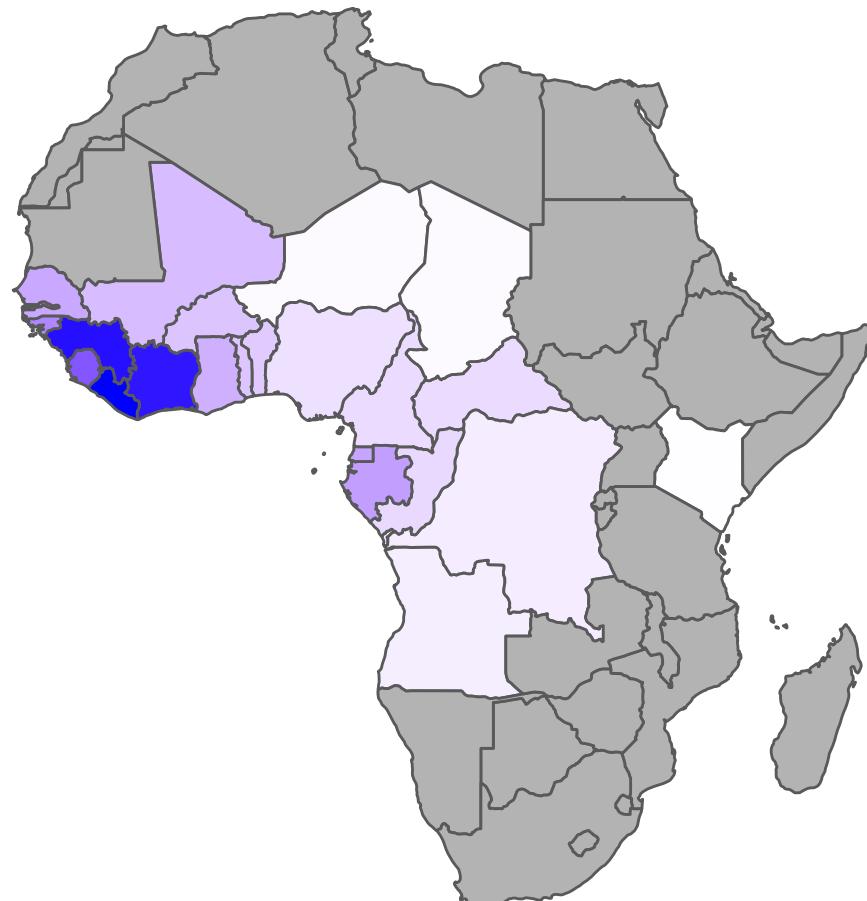


benefit–risk ratio

10000
7500
5000
2500

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

80000

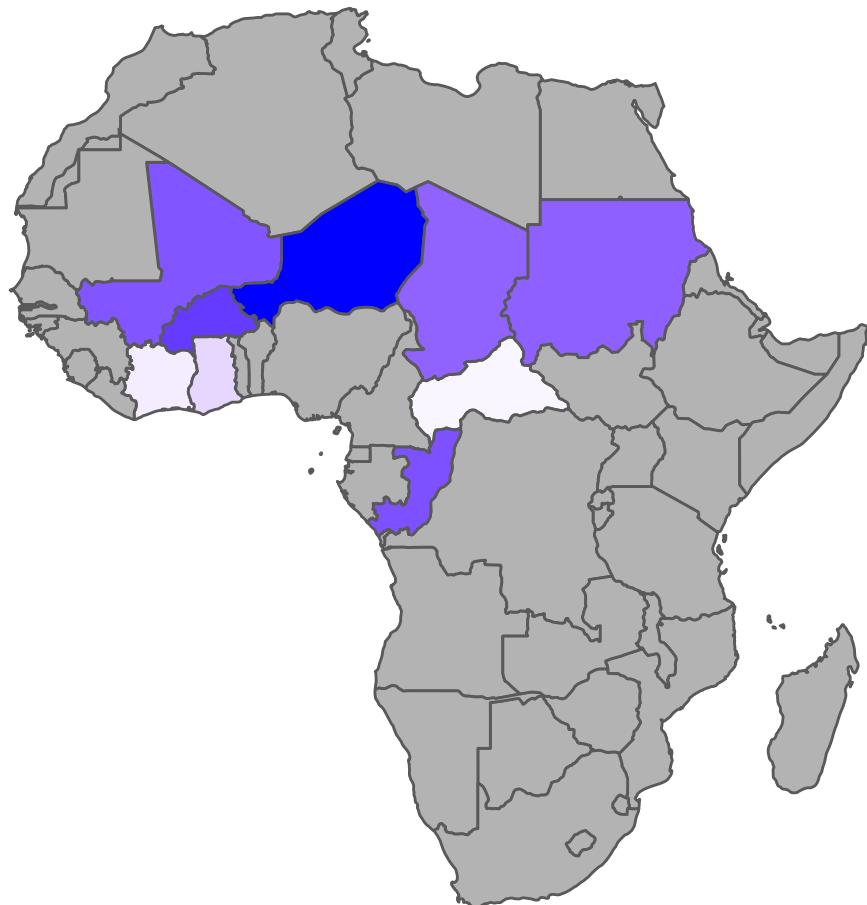
60000

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

1600

1200

800

400

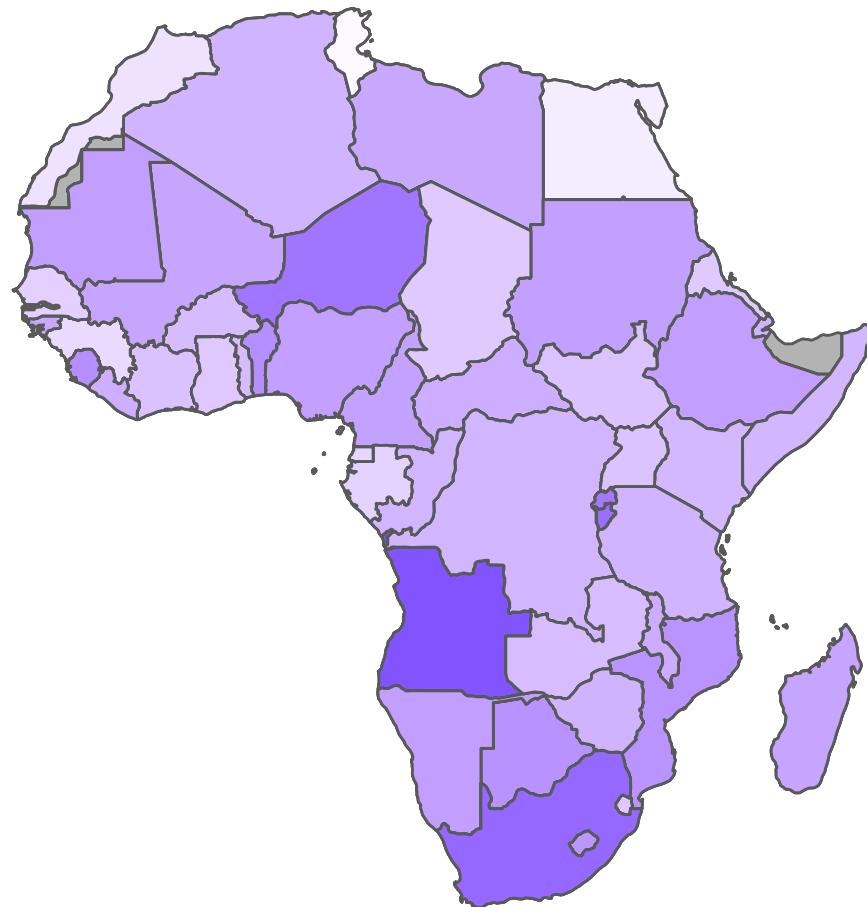
EPI benefits versus COVID-19 risks / sibling_benefit_risk_ratio

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



EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

40000

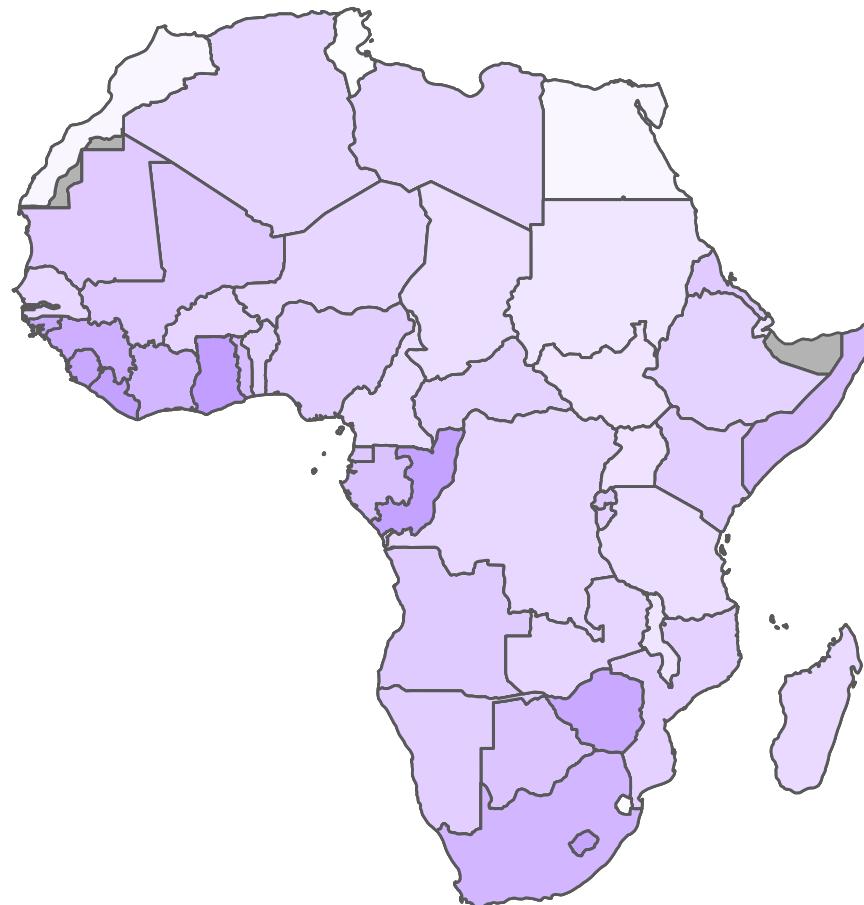
30000

20000

10000

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



EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

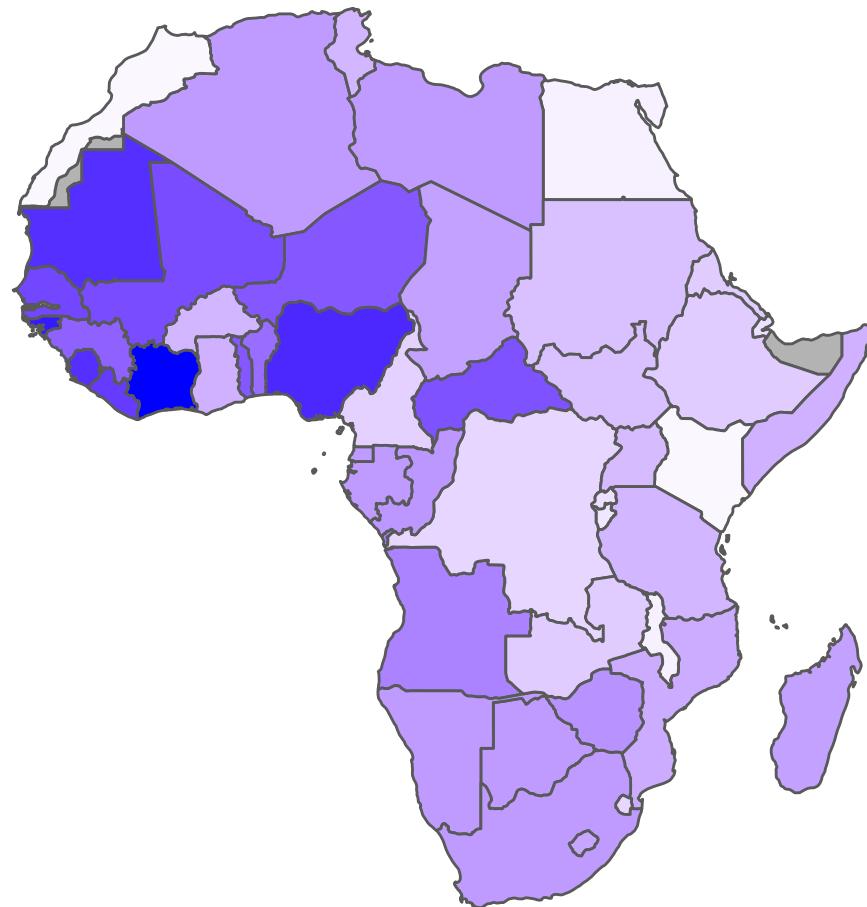
750000

500000

250000

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

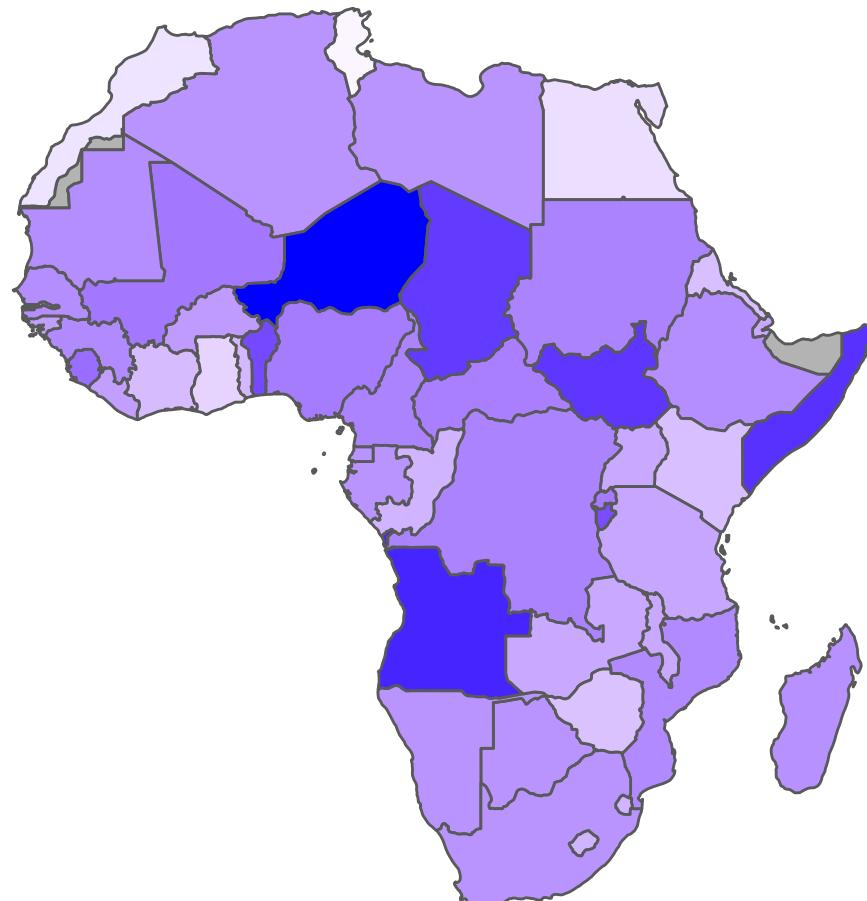
30

20

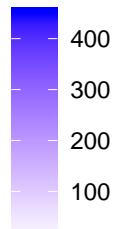
10

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

Hib3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

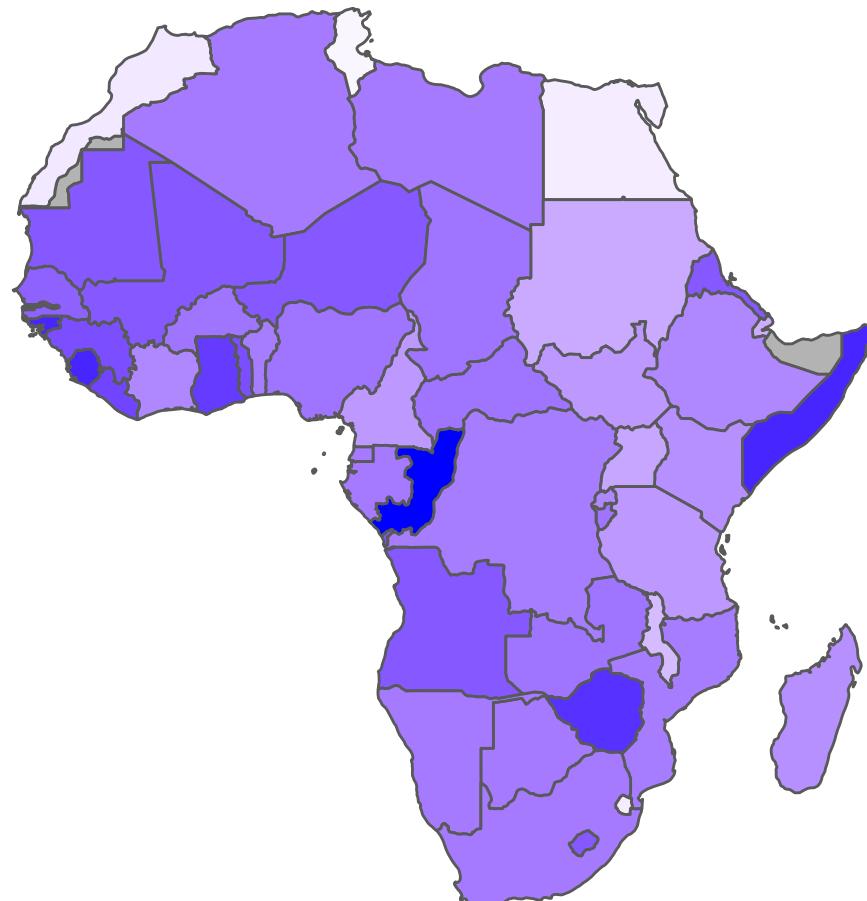


benefit–risk ratio



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

4000

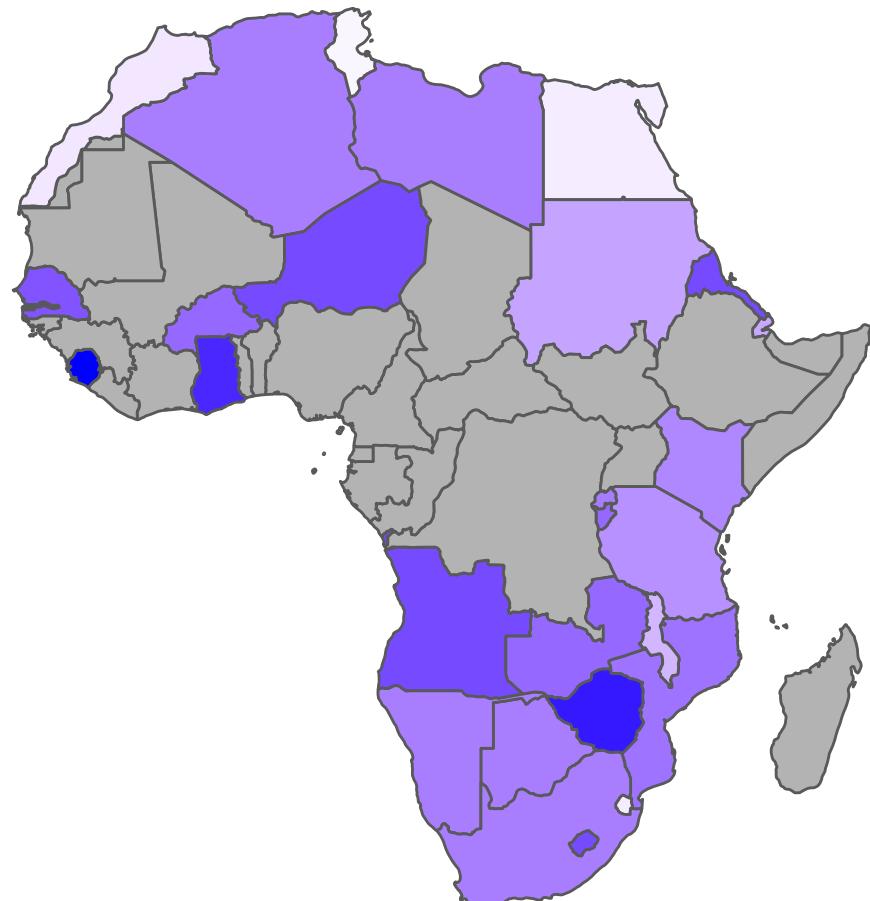
3000

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

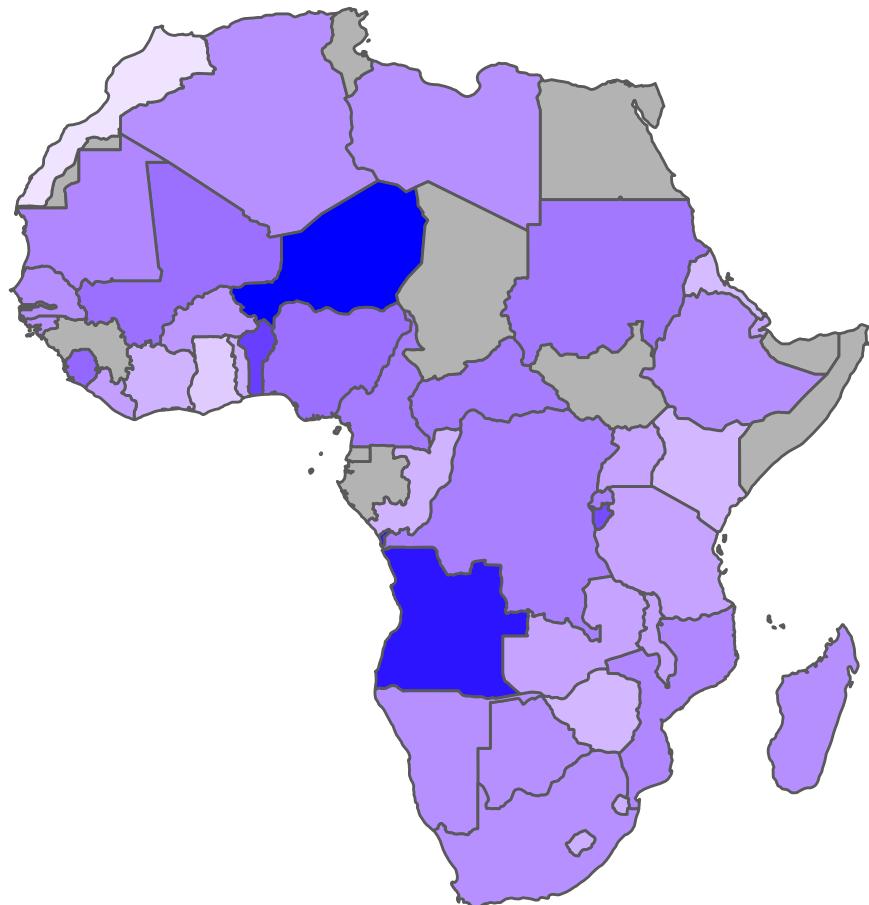
150

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



benefit–risk ratio

400

300

200

100

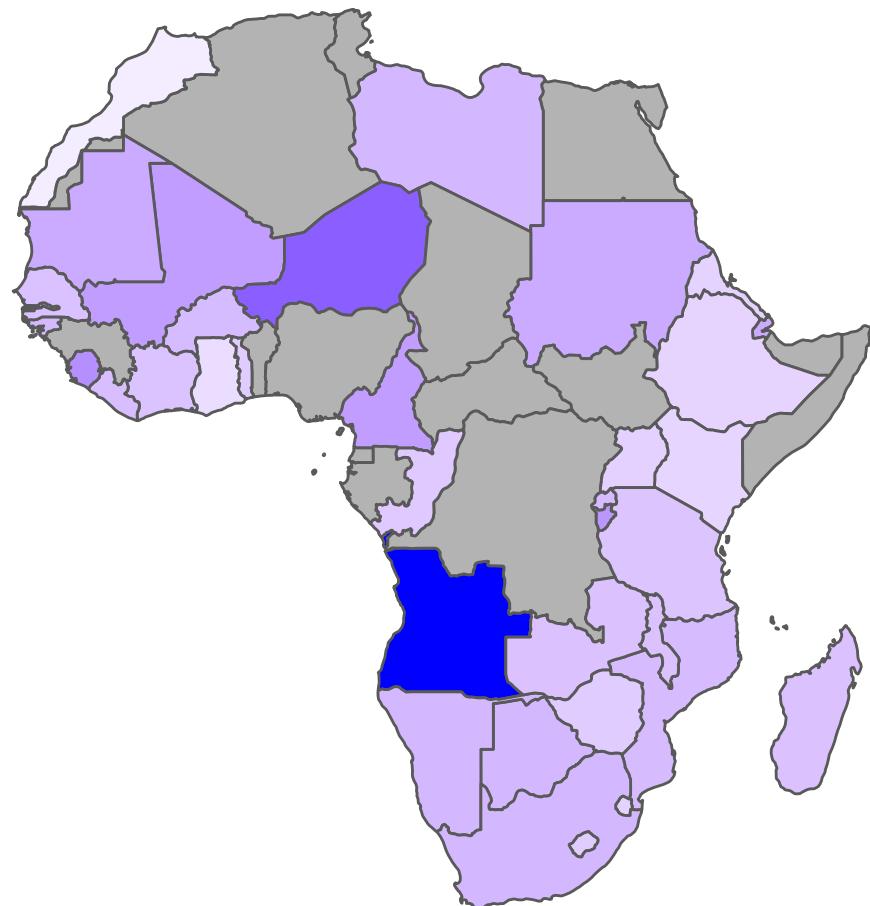
EPI benefits versus COVID-19 risks / parent_benefit_risk_ratio

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



benefit–risk ratio

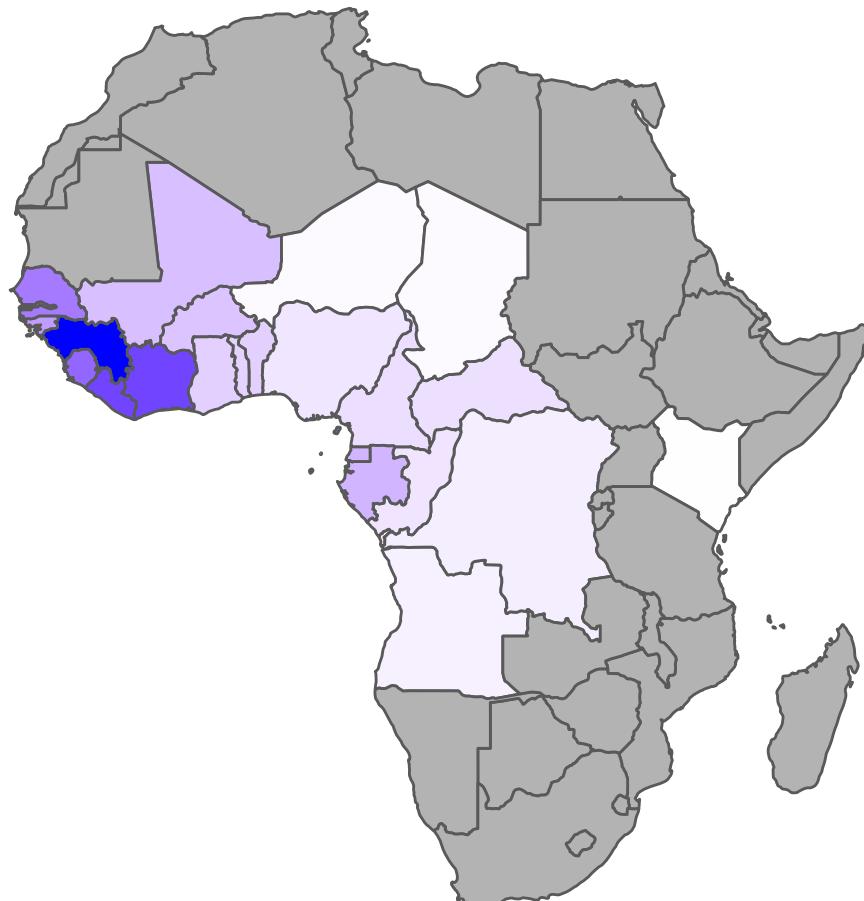
300

200

100

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

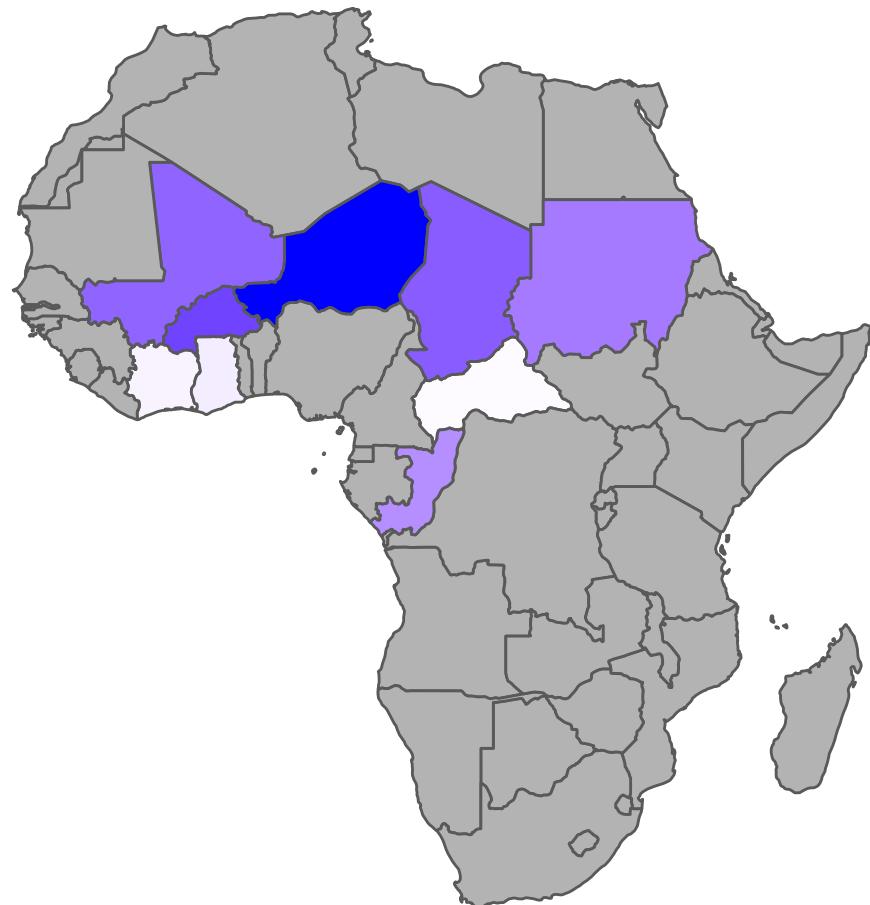
3000

2000

1000

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

60
40
20

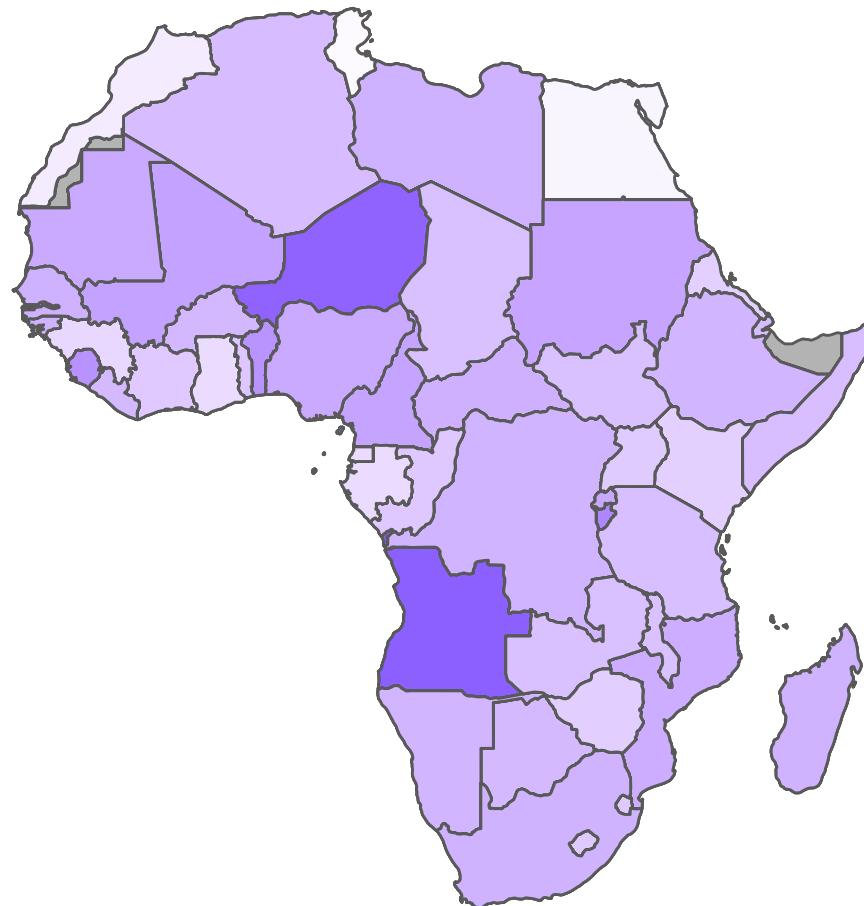
EPI benefits versus COVID-19 risks / parent_benefit_risk_ratio

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



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



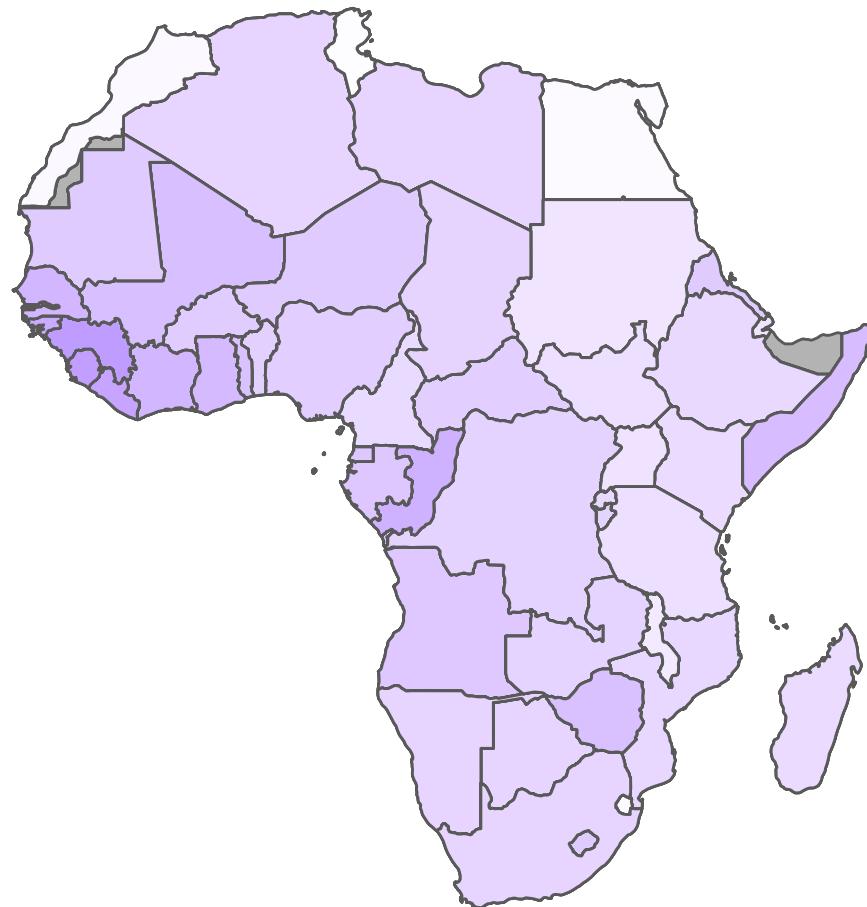
benefit–risk ratio

1000

500

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

12000

8000

4000

EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

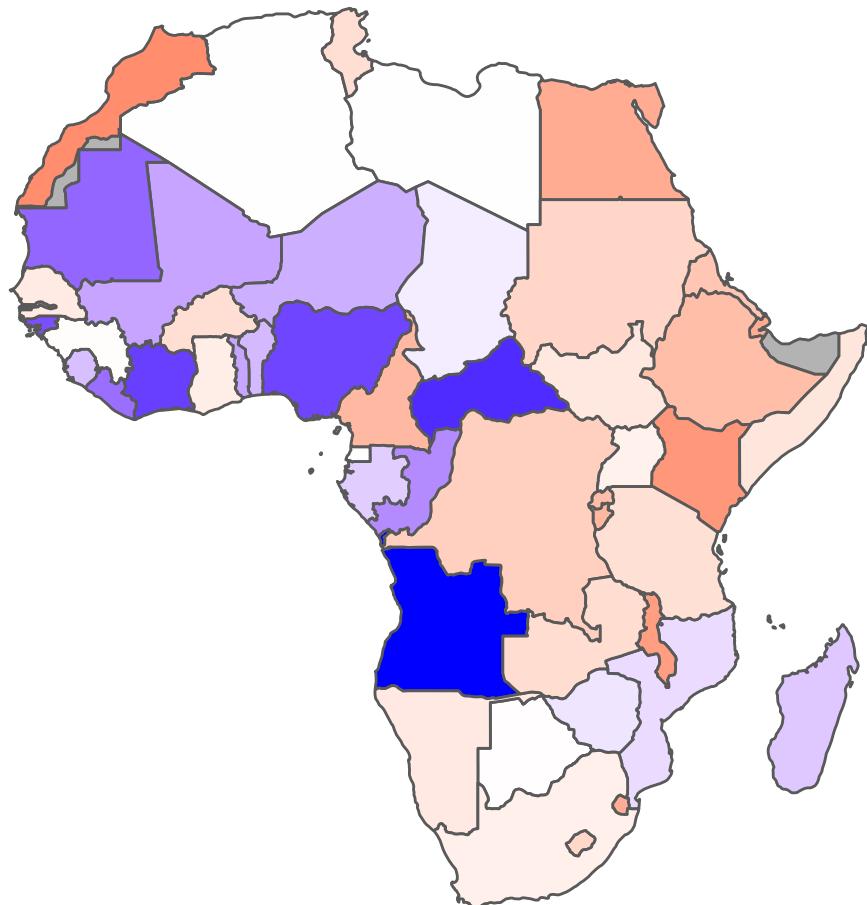
30000

20000

10000

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

HepB3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

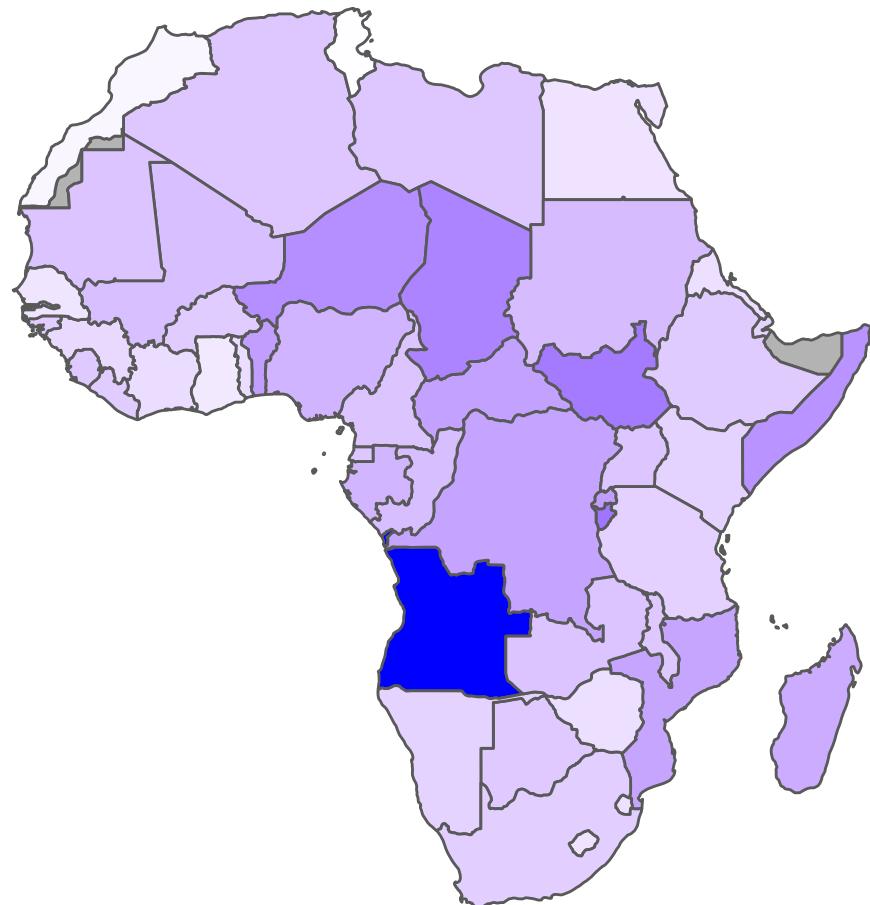


benefit–risk ratio

2.5
2.0
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

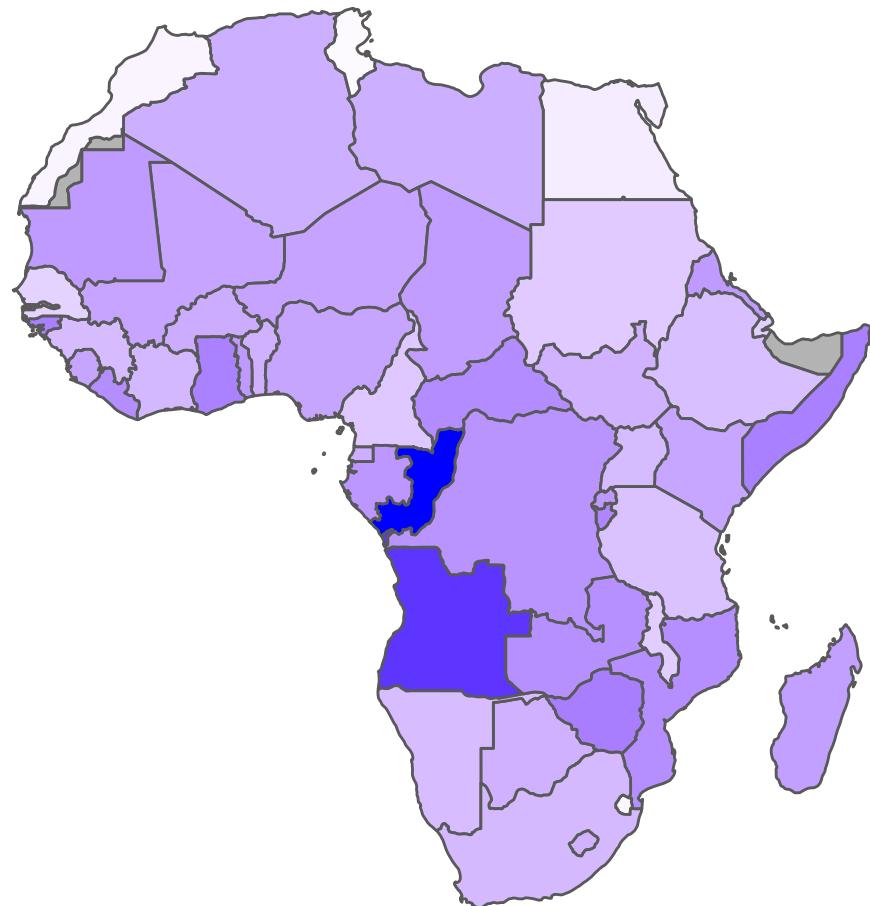


benefit–risk ratio

60
50
40
30
20
10

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

MCV1 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children

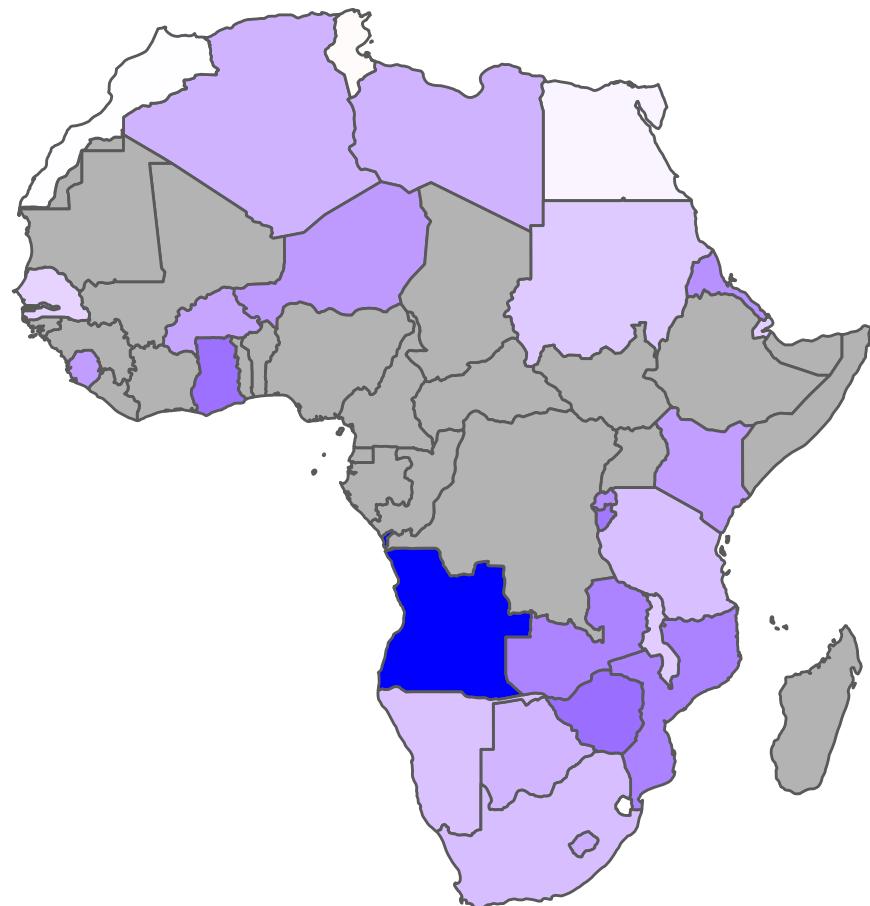


benefit–risk ratio

500
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



benefit–risk ratio

20

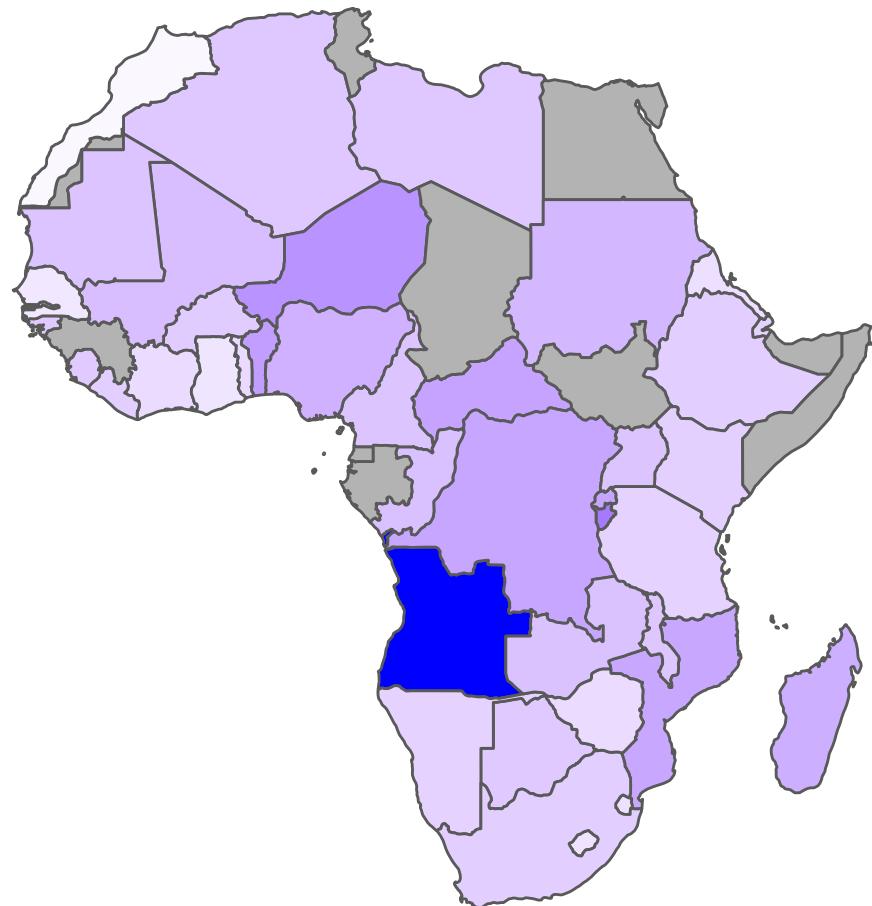
15

10

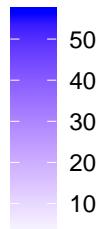
5

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

PCV3 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio



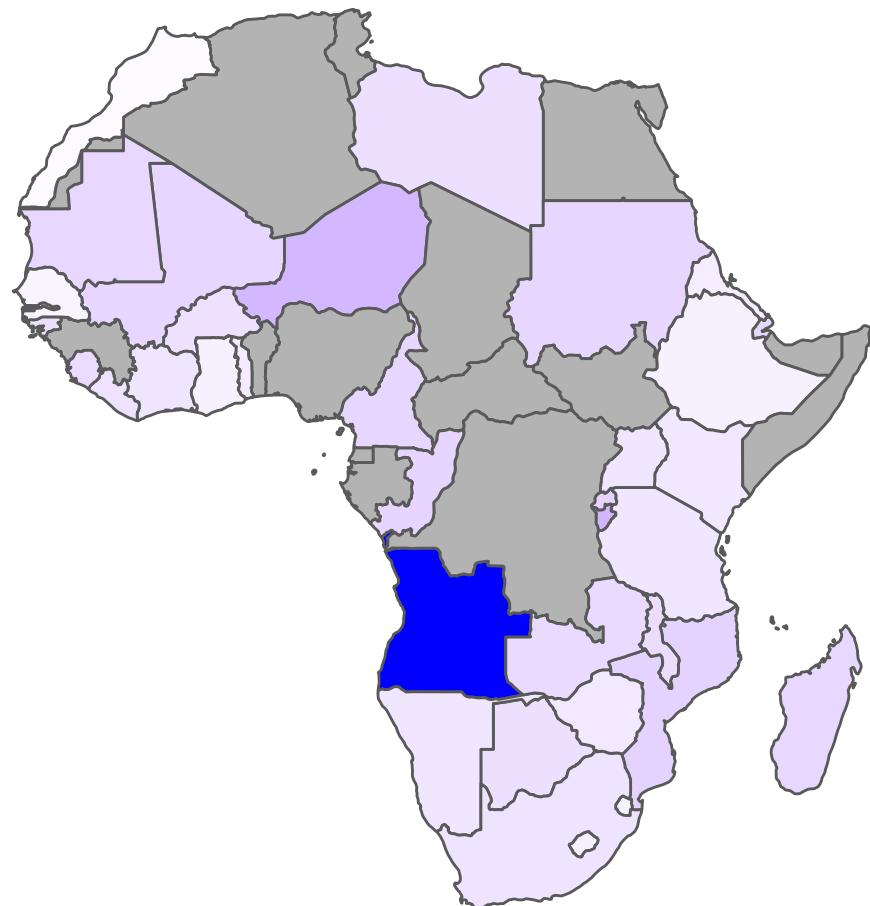
EPI benefits versus COVID-19 risks / grandparentBenefitRiskRatio

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

40

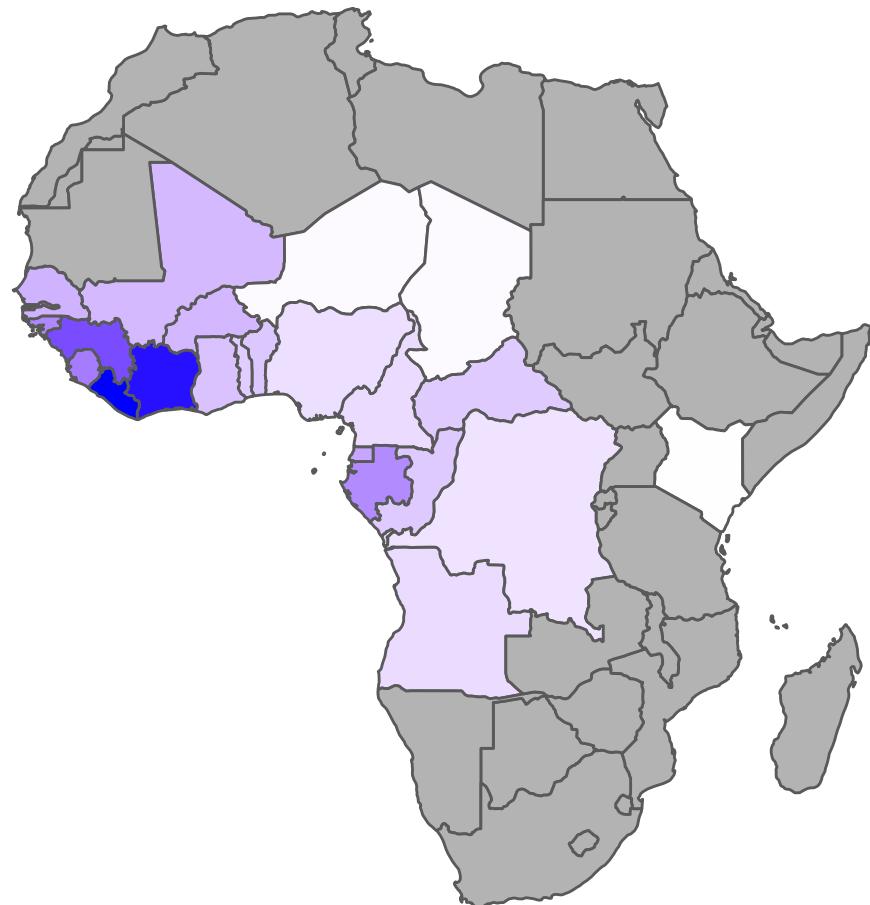
30

20

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

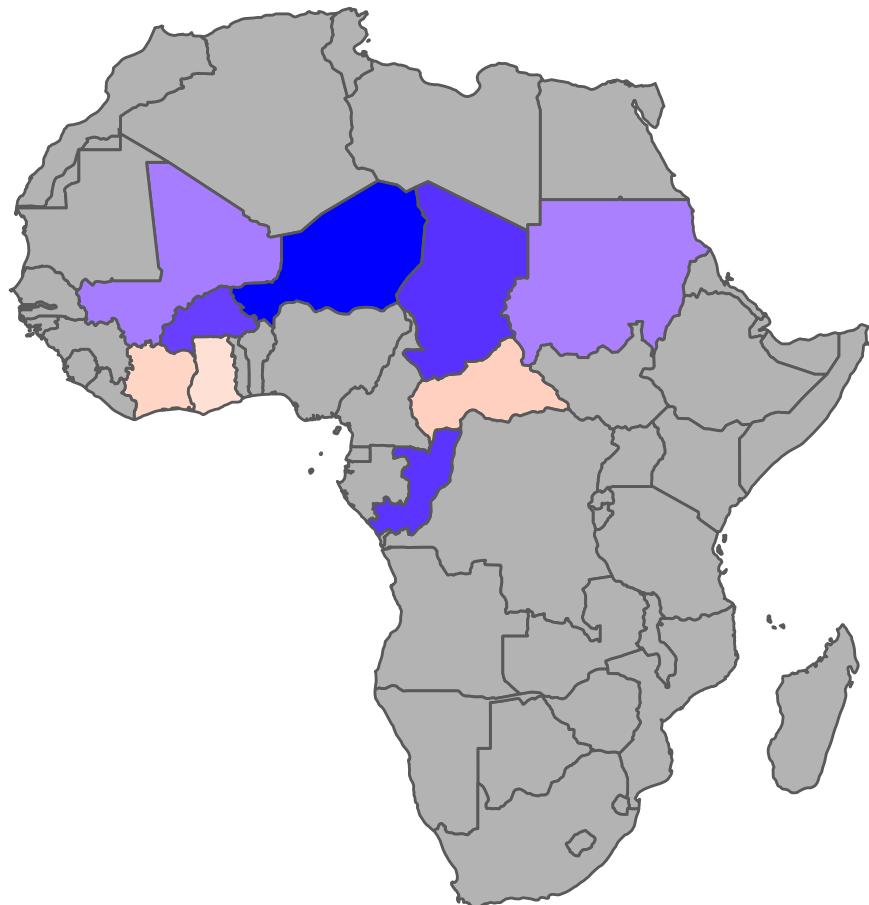
150

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

4
3
2
1

EPI benefits versus COVID-19 risks / grandparentBenefitRiskRatio

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



EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

HepB3, Hib3, PCV3, RotaC / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

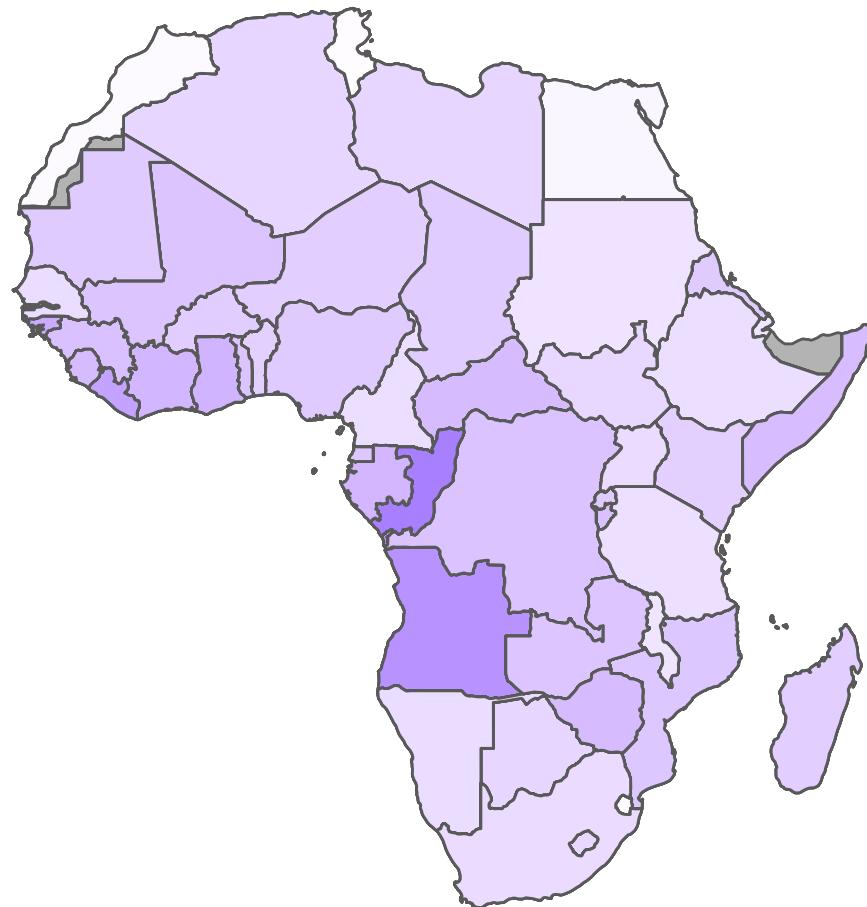
150

100

50

EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

MCV1, RCV1, MenA, YFV / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

900

600

300

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

HepB3, Hib3, PCV3, RotaC, MCV1, RCV1, MenA, YFV, MCV2 / EPI suspension period: 6 months / vaccine impact: under 5-year-old children



benefit–risk ratio

5000
4000
3000
2000
1000