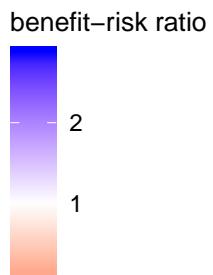
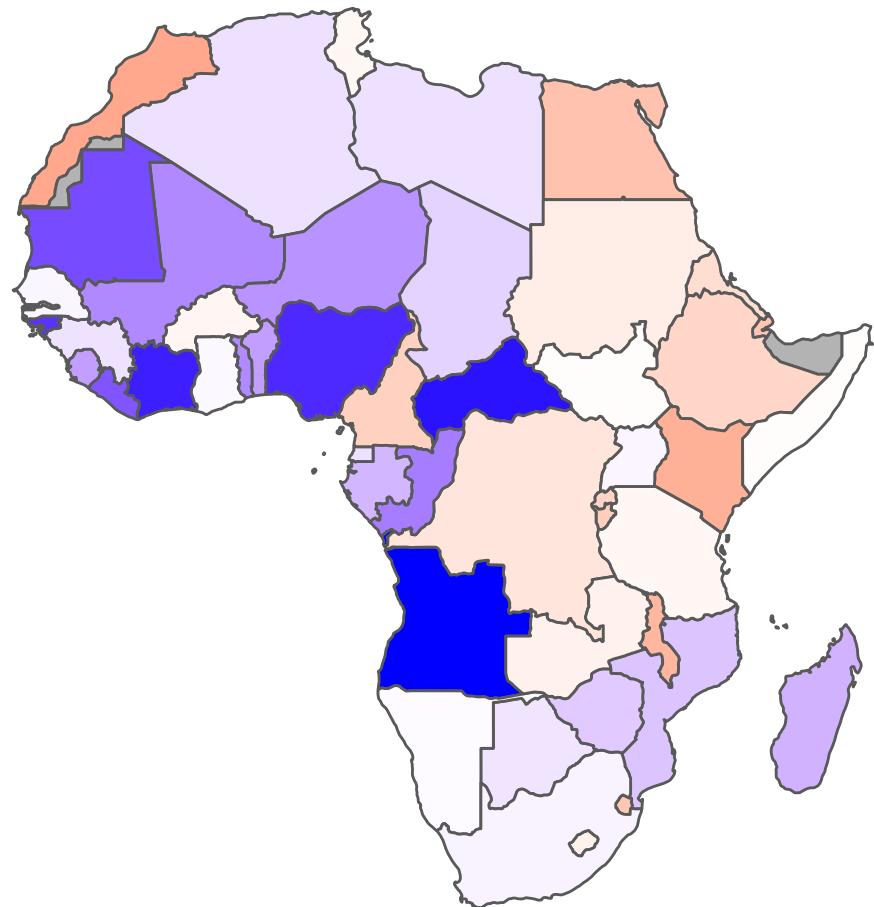


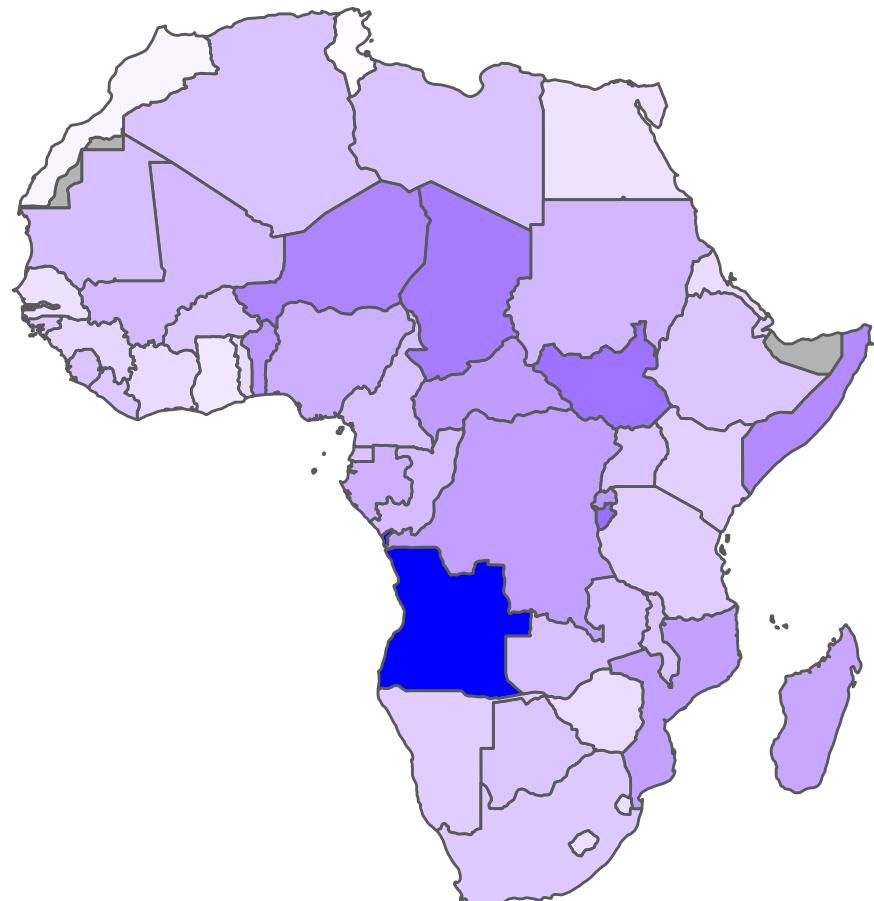
EPI benefits versus COVID–19 risks / benefit_risk_ratio

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



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

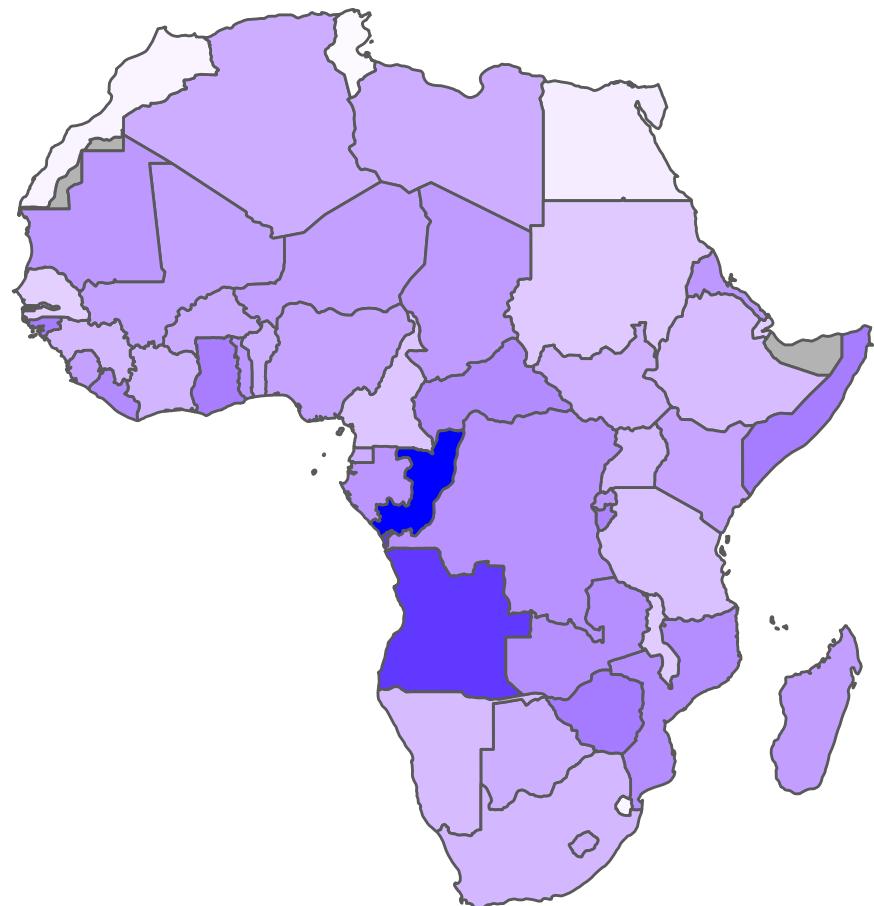
60

40

20

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

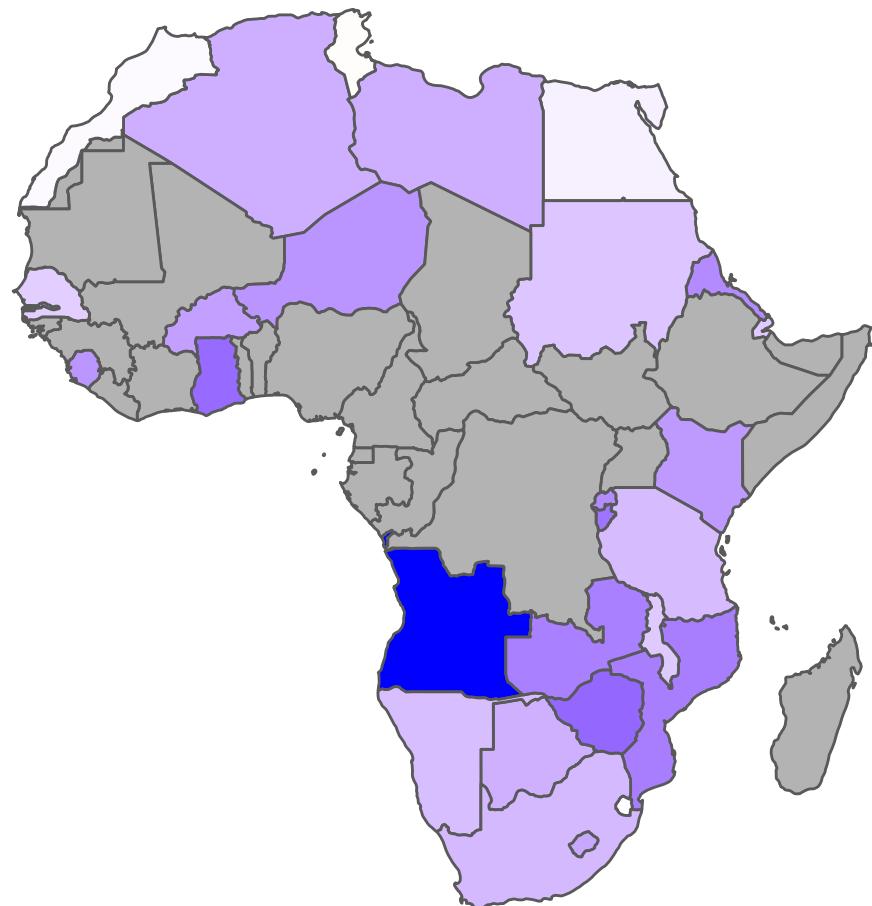
600

400

200

EPI benefits versus COVID–19 risks / benefit_risk_ratio

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

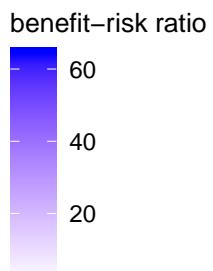
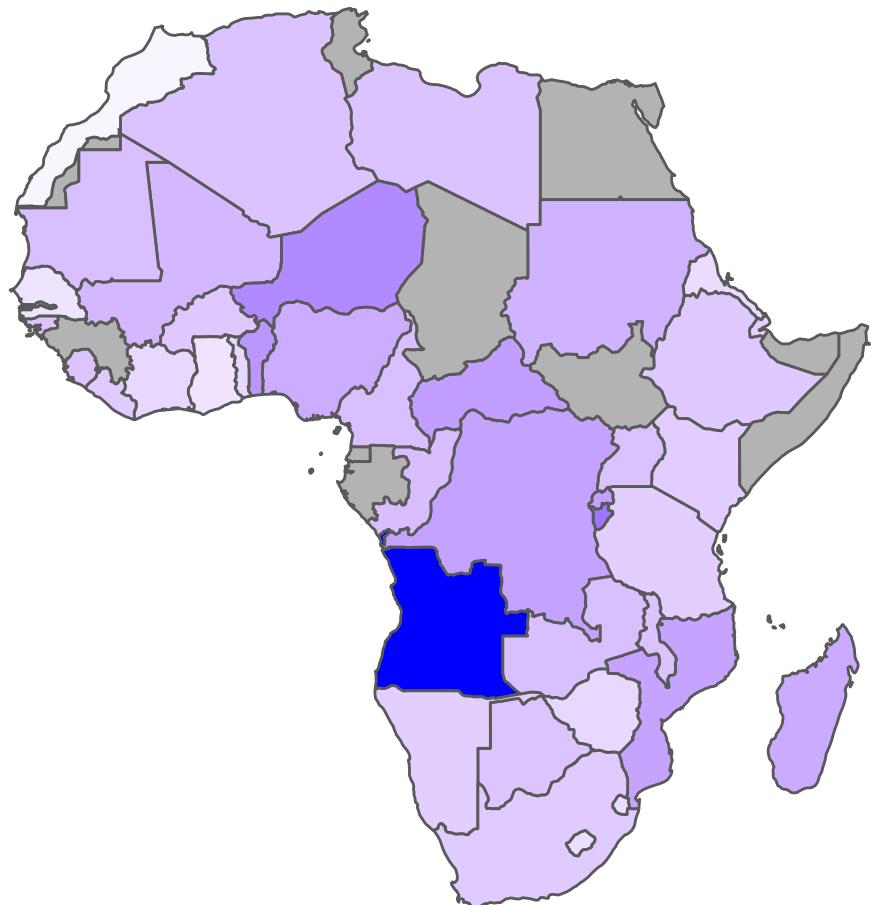


benefit–risk ratio

25
20
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



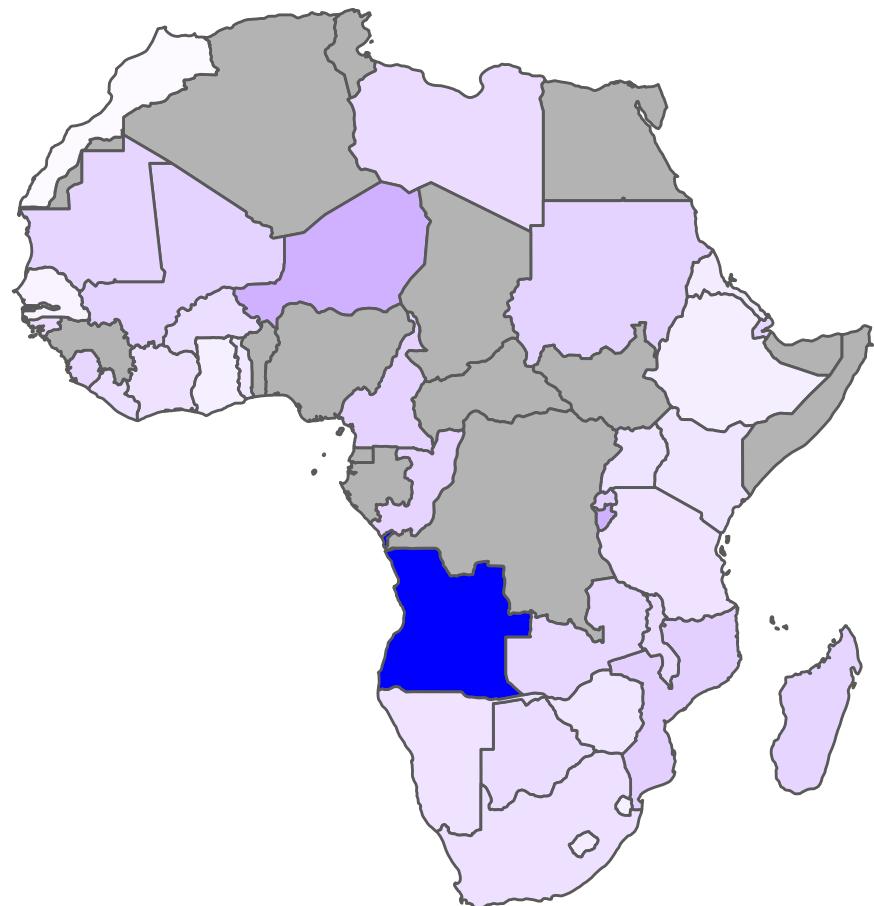
EPI benefits versus COVID-19 risks / benefit_risk_ratio

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

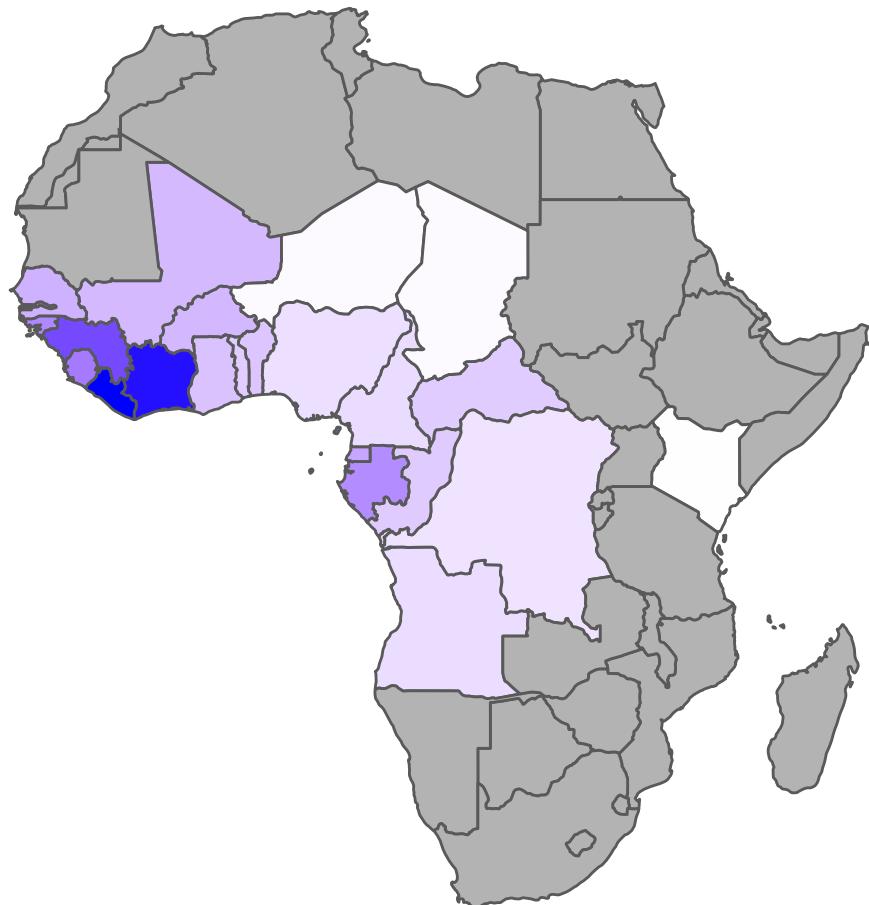


benefit–risk ratio

50
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

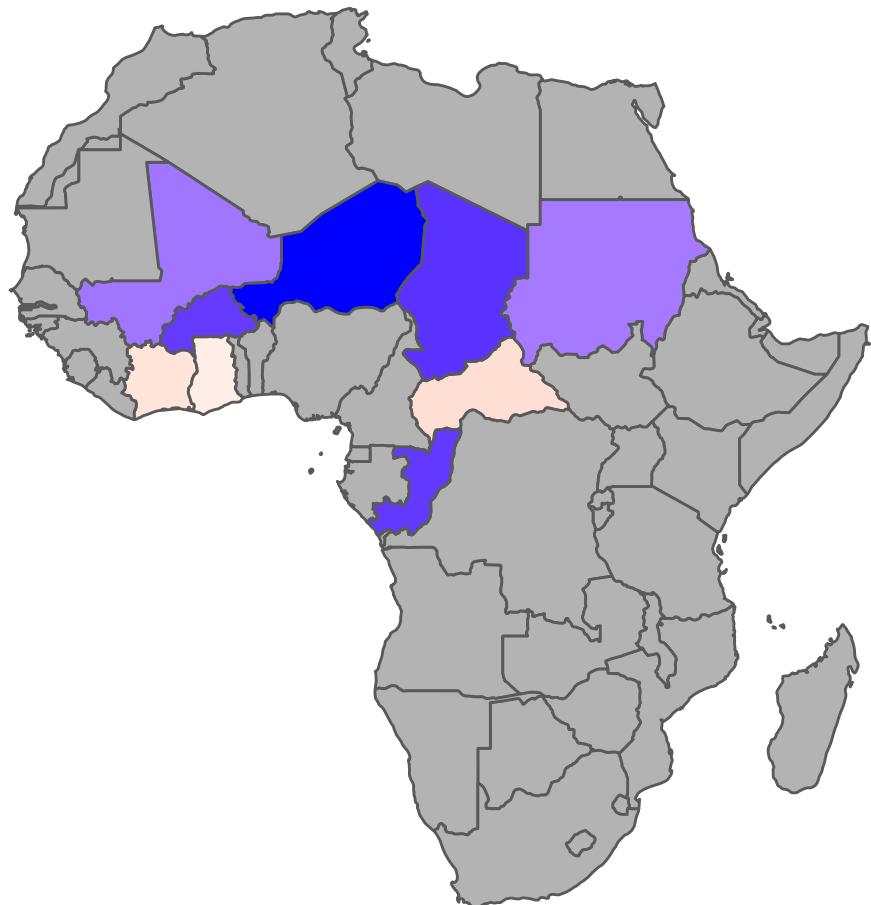


benefit–risk ratio

200
150
100
50

EPI benefits versus COVID–19 risks / benefit_risk_ratio

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



benefit–risk ratio

5
4
3
2
1

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

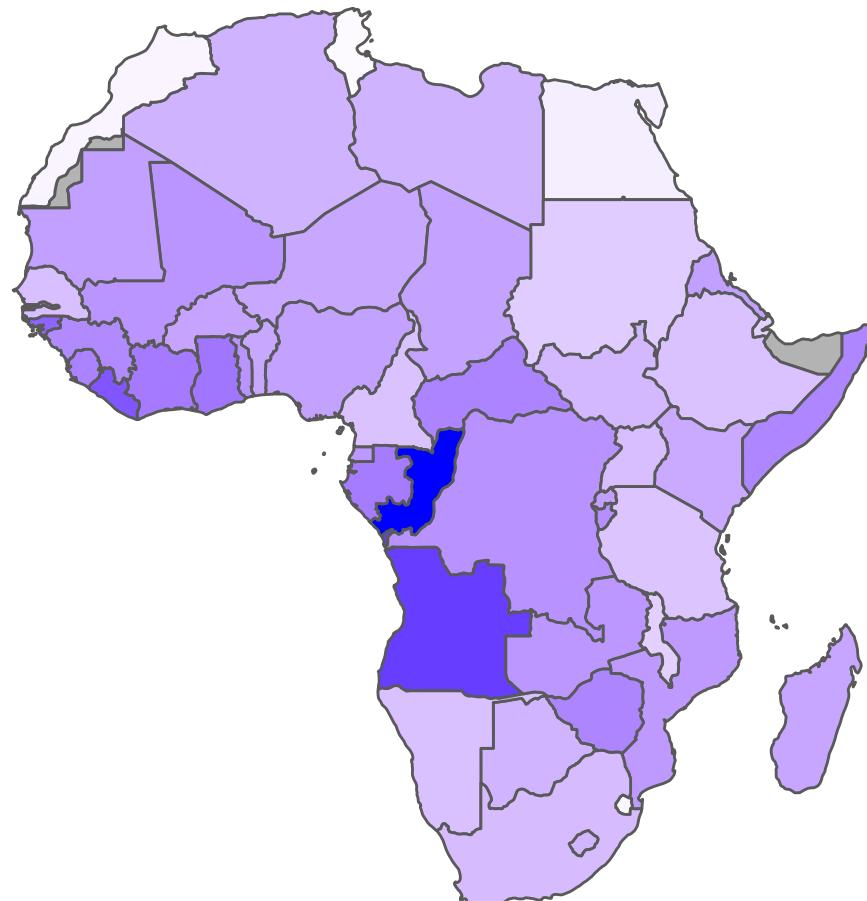


benefit–risk ratio

160
120
80
40

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

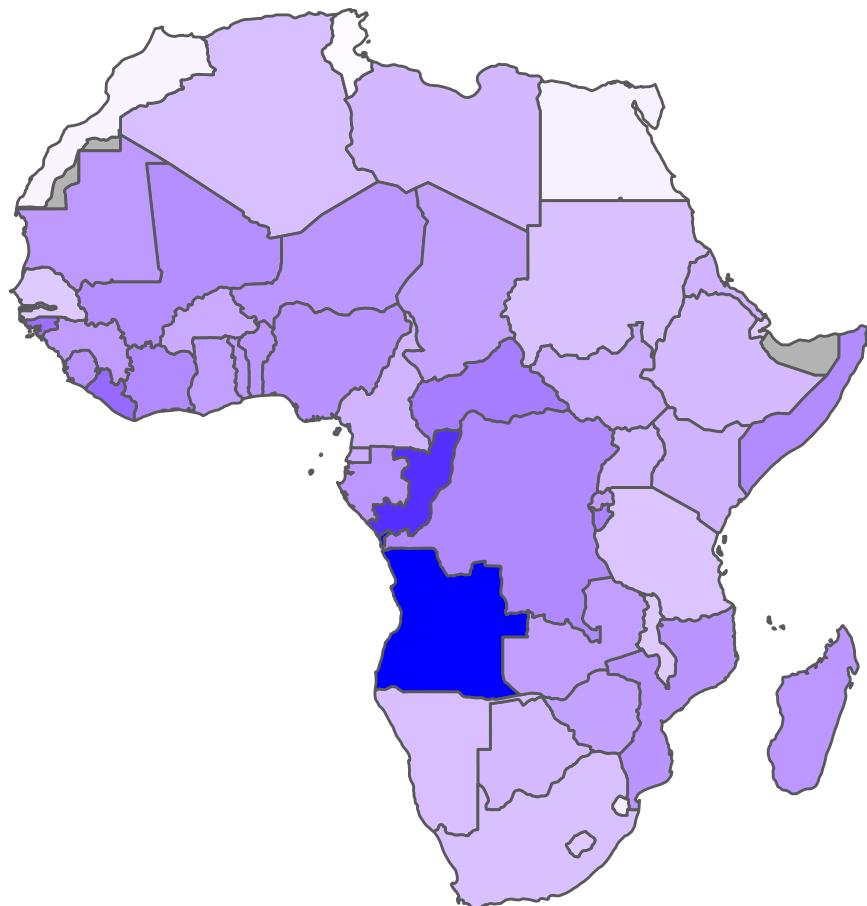
600

400

200

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

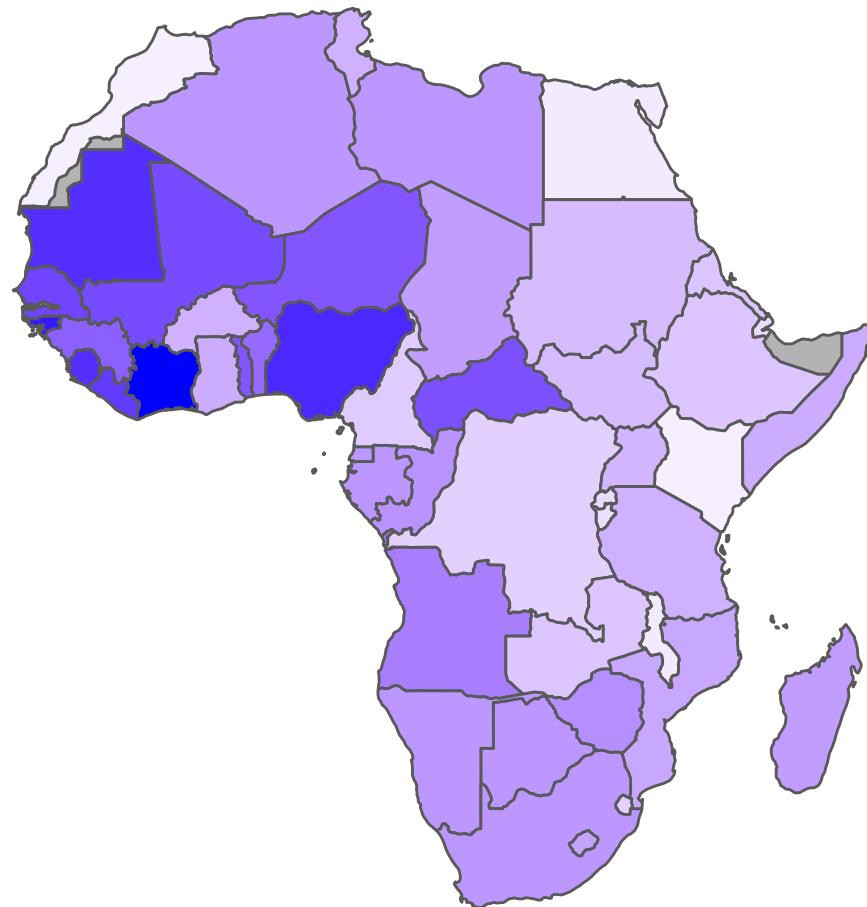


benefit–risk ratio

250
200
150
100
50

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

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



benefit–risk ratio

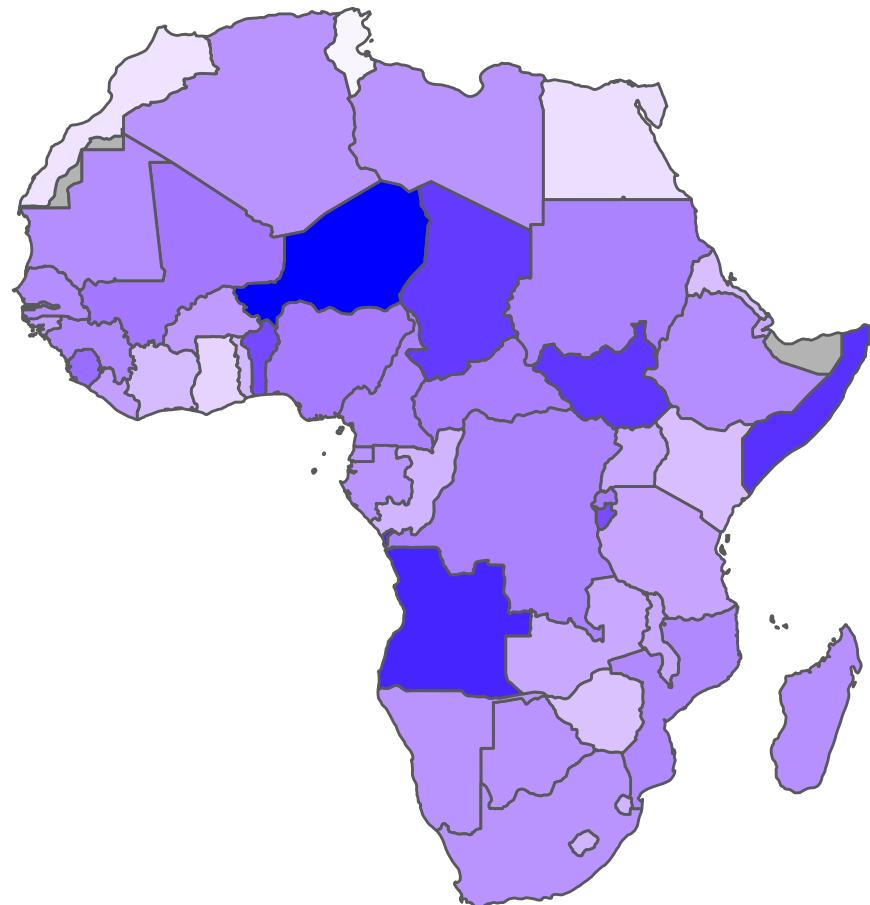
1200

800

400

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

20000

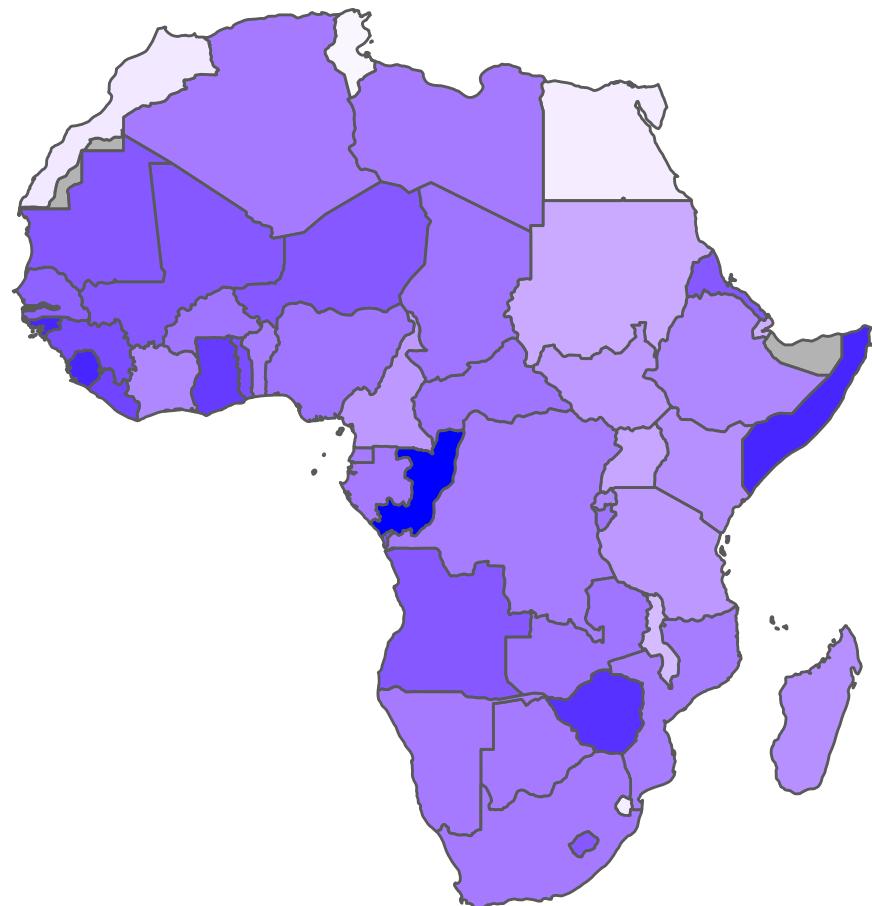
15000

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

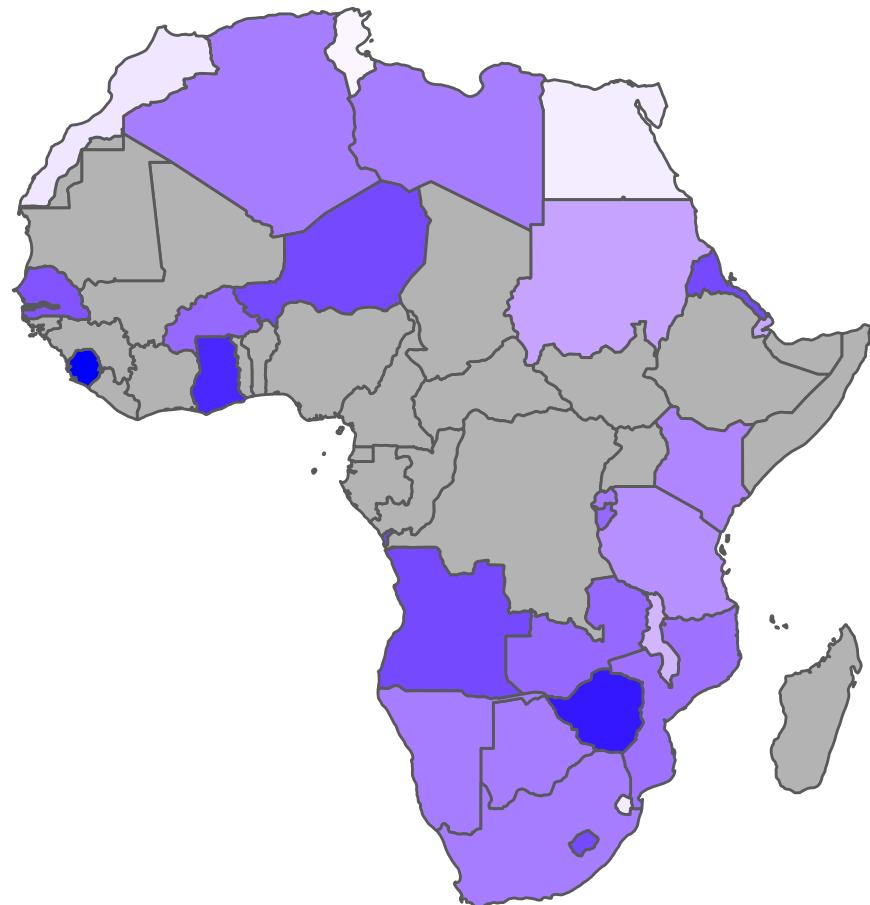


benefit–risk ratio

250000
200000
150000
100000
50000

EPI benefits versus COVID–19 risks / childBenefitRiskRatio

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



benefit–risk ratio

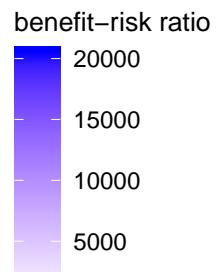
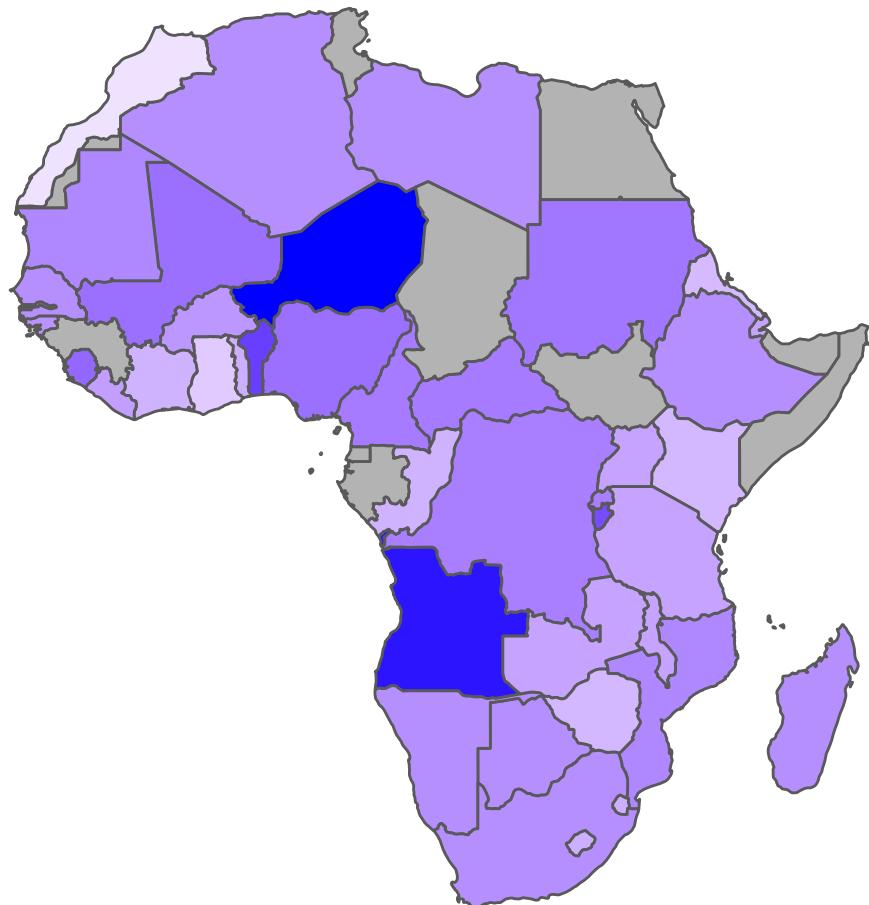
7500

5000

2500

EPI benefits versus COVID–19 risks / child_benefit_risk_ratio

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



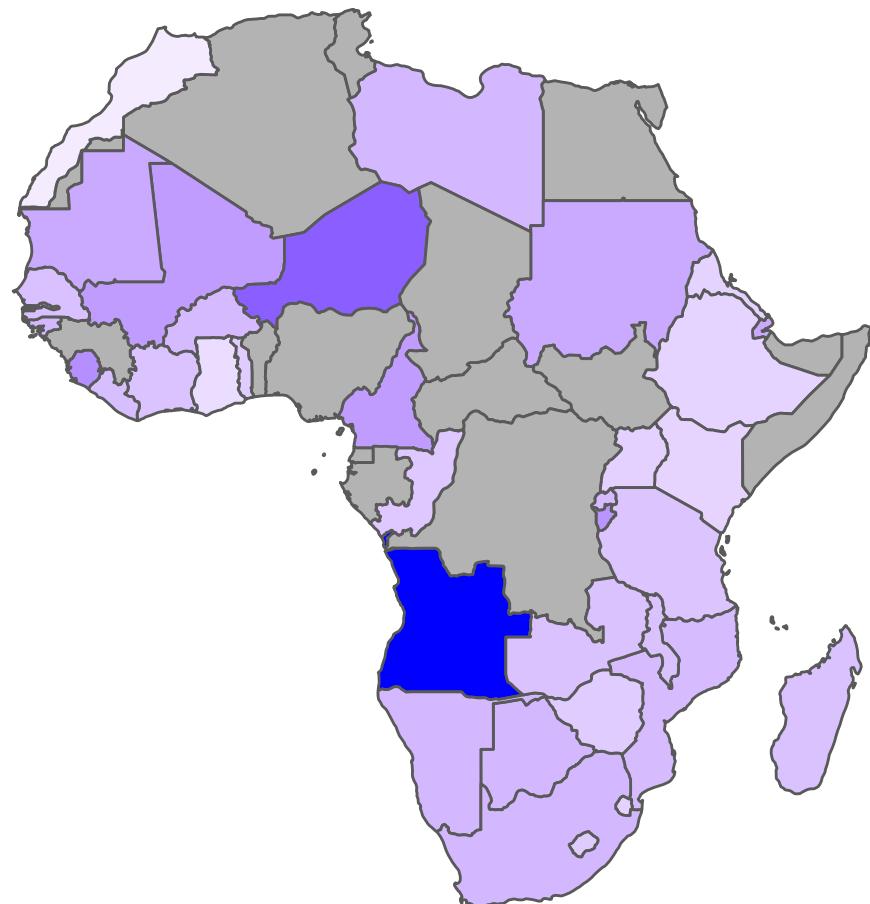
EPI benefits versus COVID-19 risks / child_benefit_risk_ratio

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

16000
12000
8000
4000

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

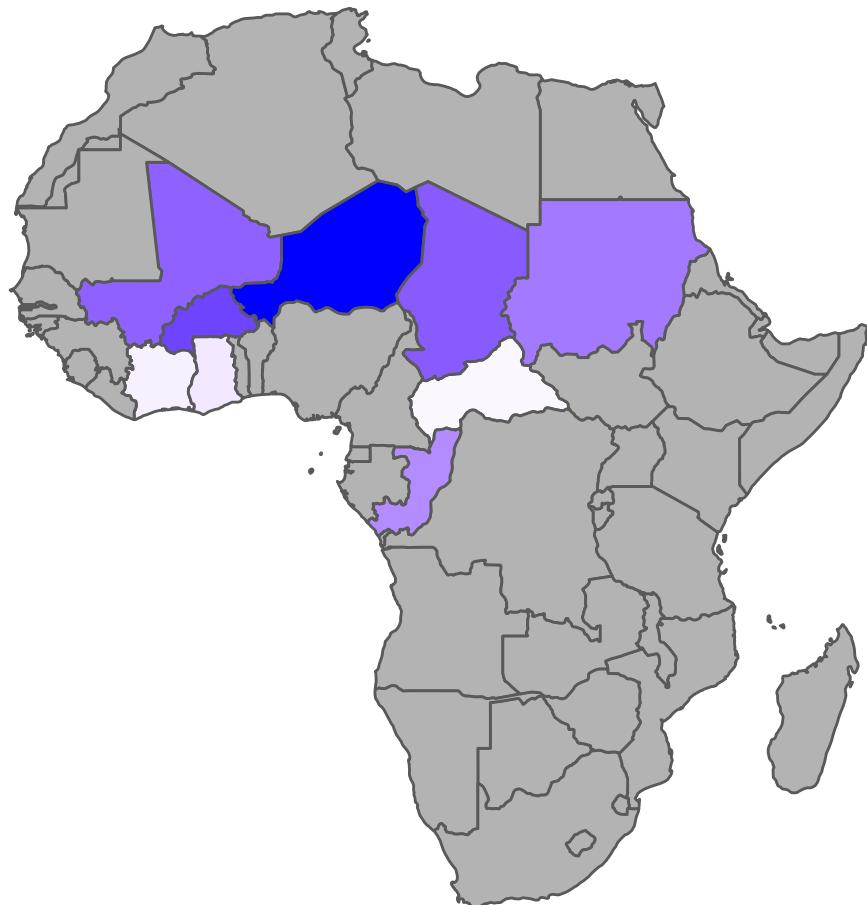
120000

80000

40000

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

3000

2000

1000

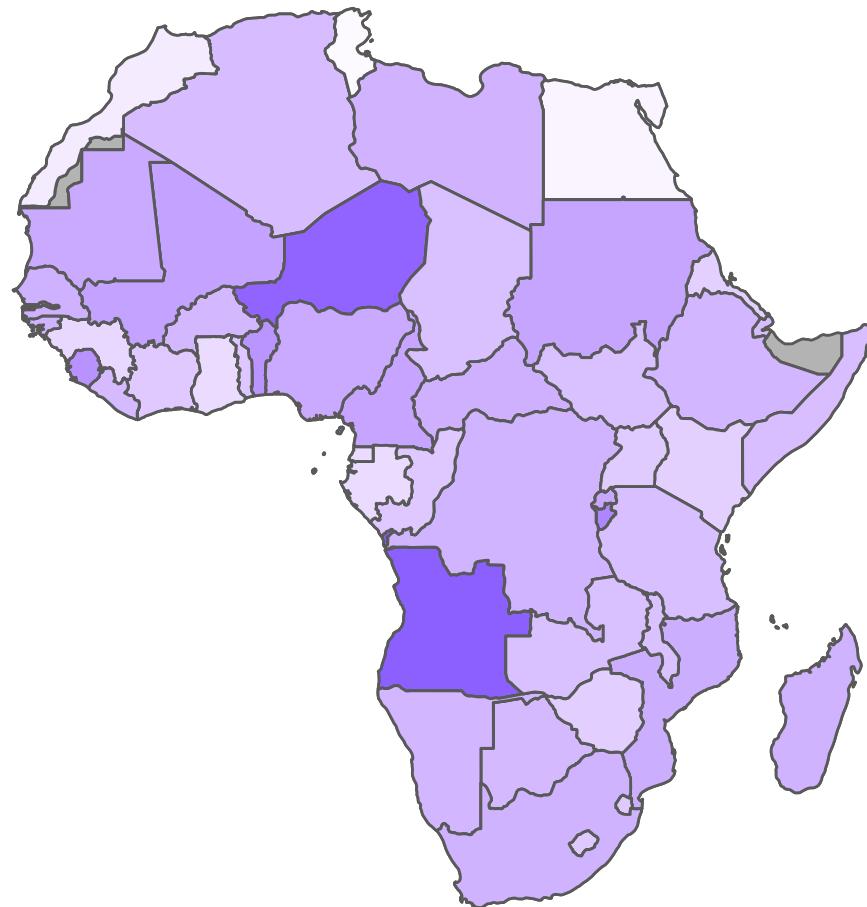
EPI benefits versus COVID-19 risks / child_benefit_risk_ratio

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

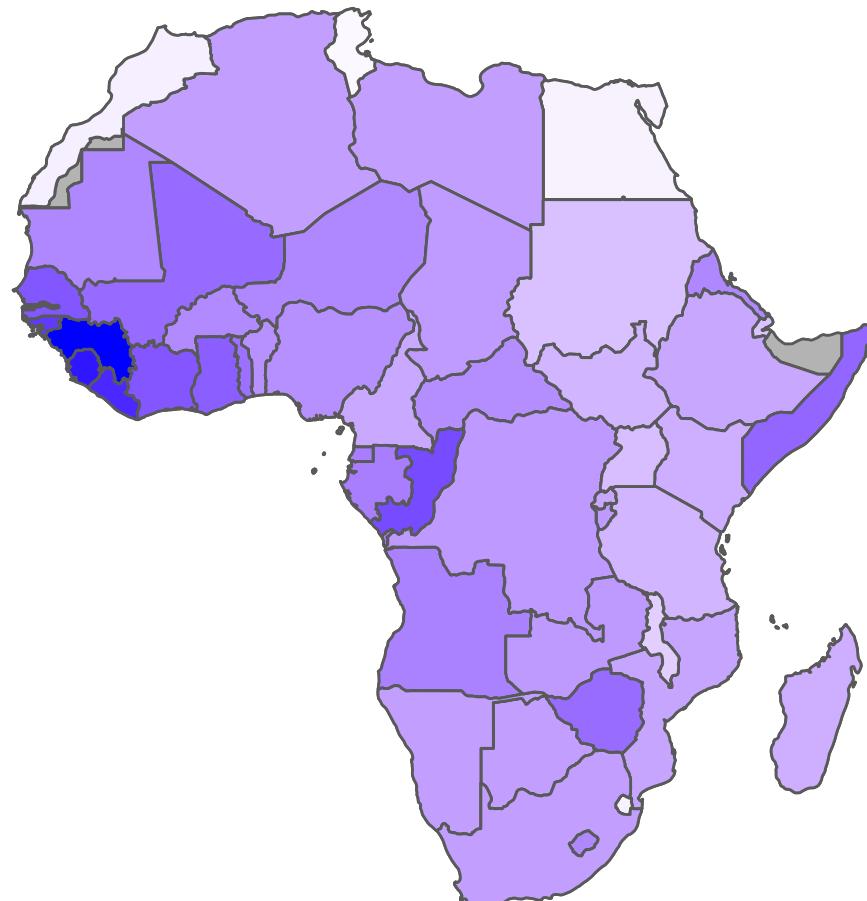
60000

40000

20000

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

$3e+05$

$2e+05$

$1e+05$

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

8e+05

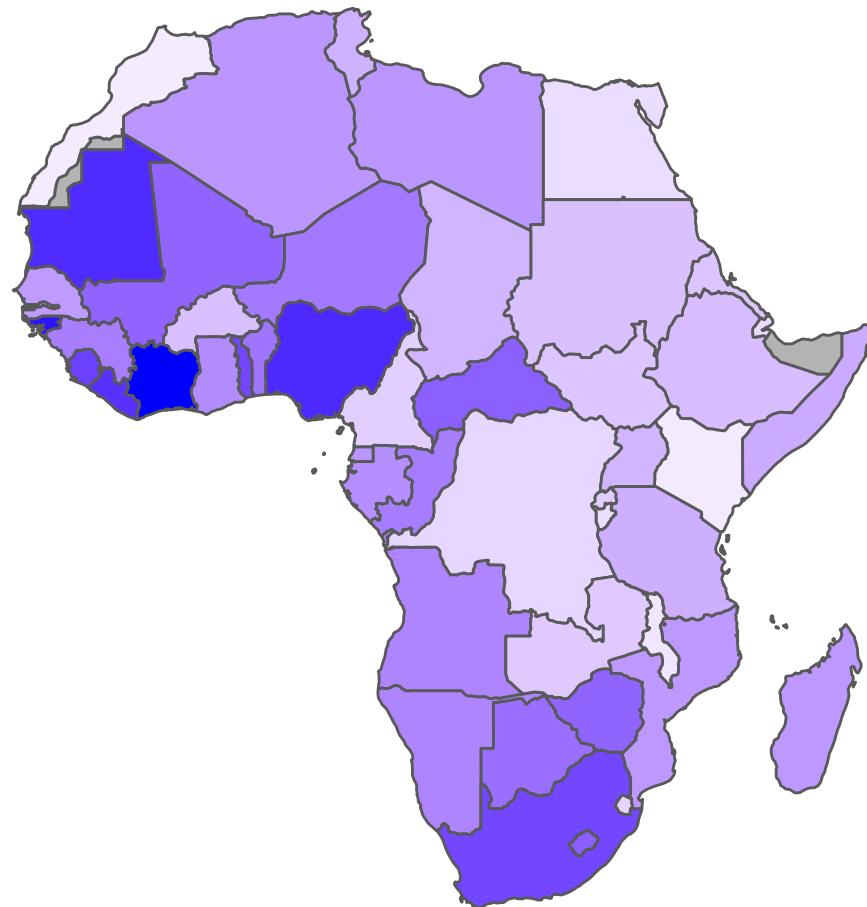
6e+05

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



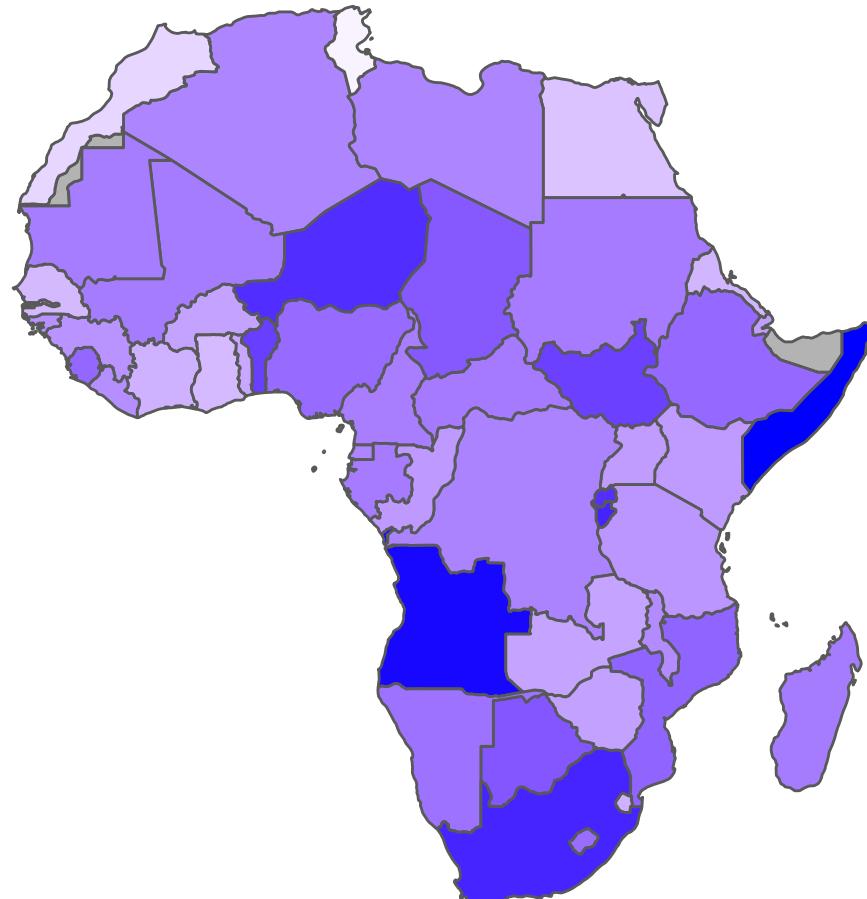
benefit–risk ratio

1000

500

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

16000

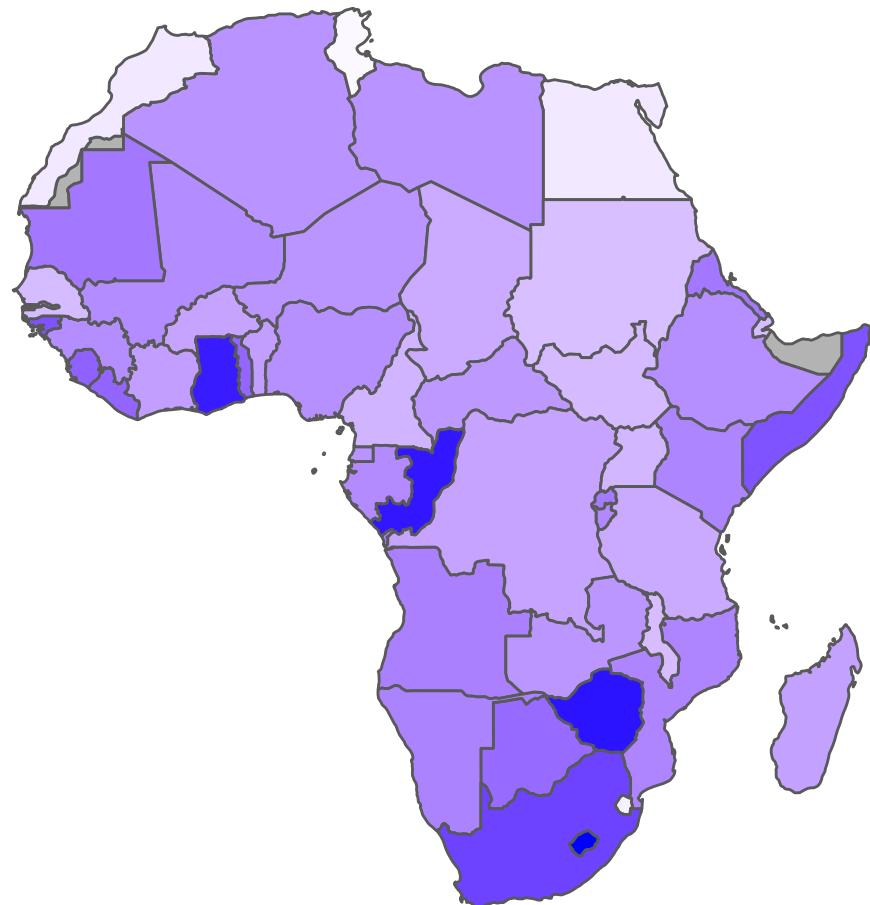
12000

8000

4000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

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

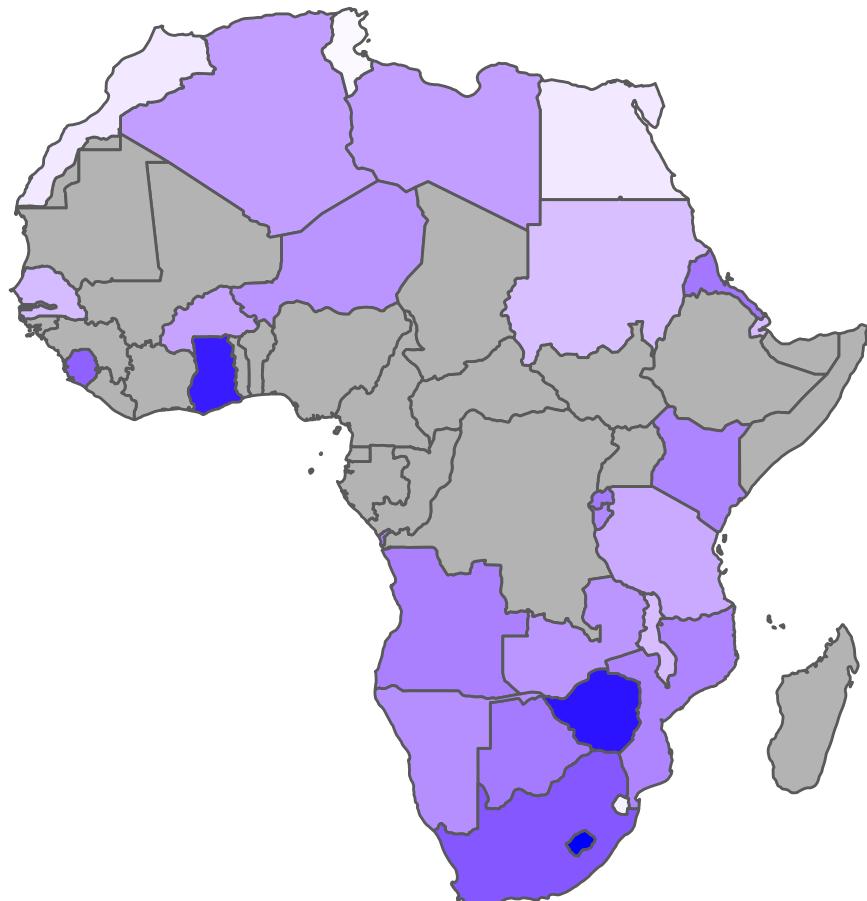


benefit–risk ratio

250000
200000
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

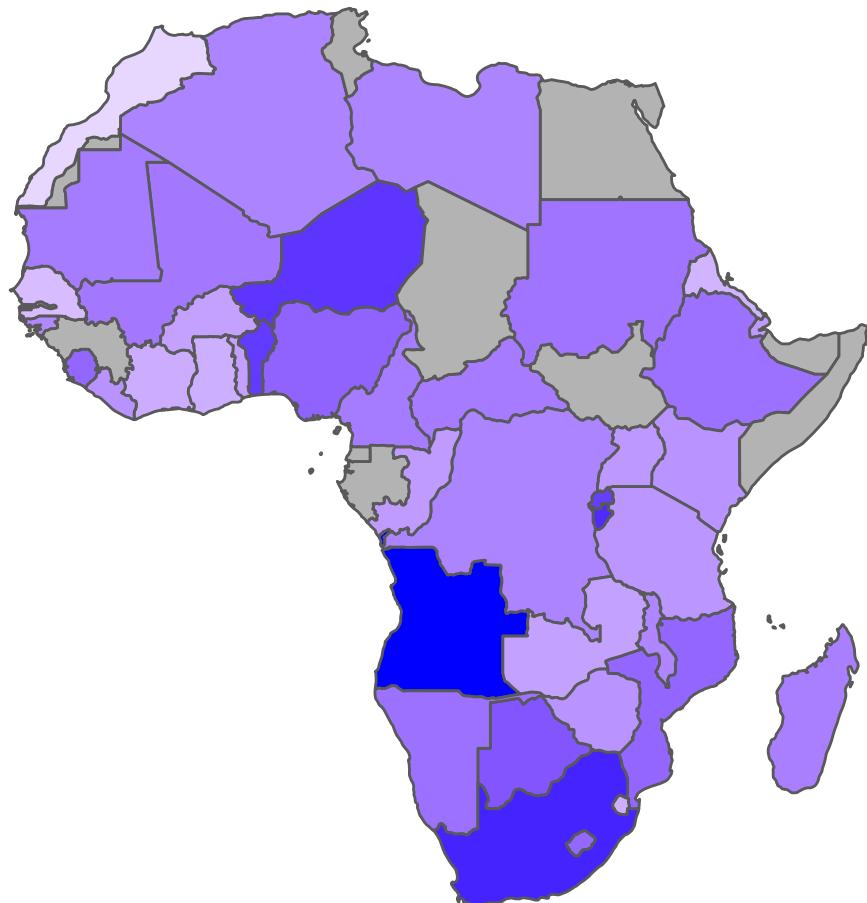
9000

6000

3000

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

15000

12000

9000

6000

3000

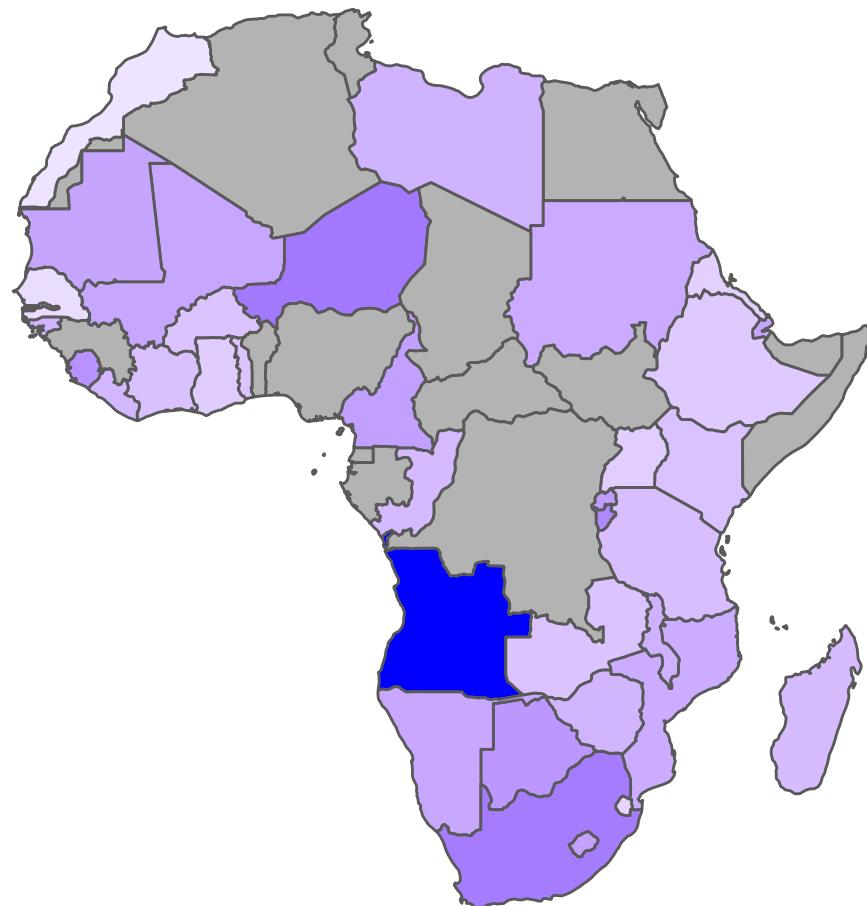
EPI benefits versus COVID-19 risks / sibling_benefit_risk_ratio

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



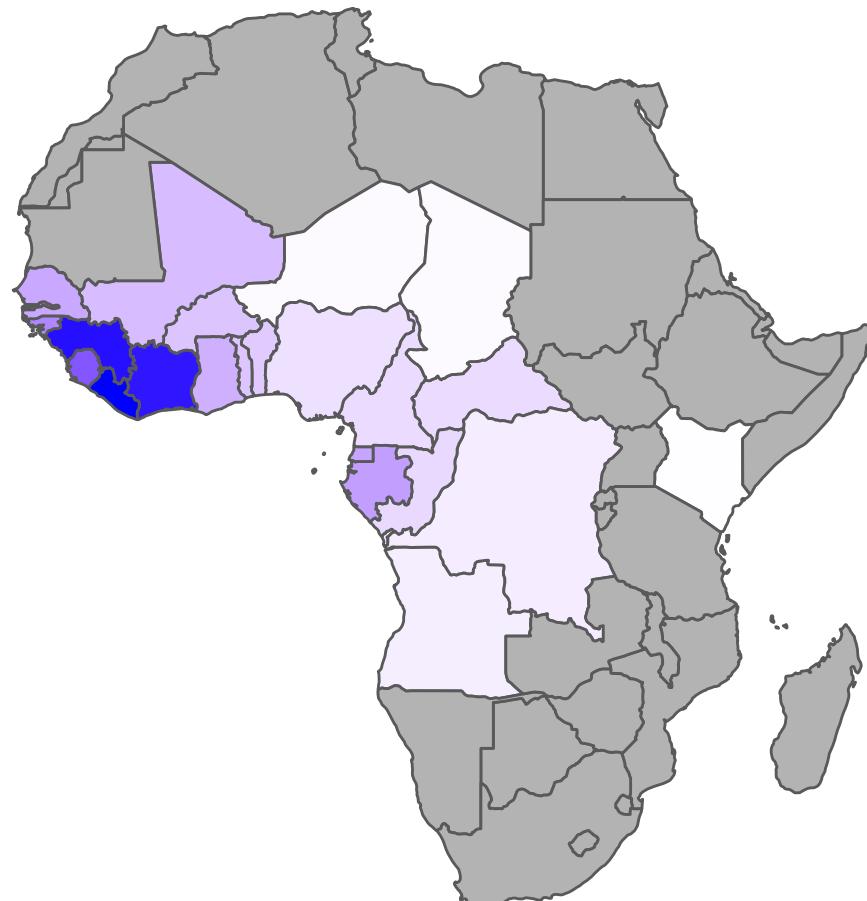
benefit–risk ratio

10000

5000

EPI benefits versus COVID–19 risks / sibling_benefit_risk_ratio

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

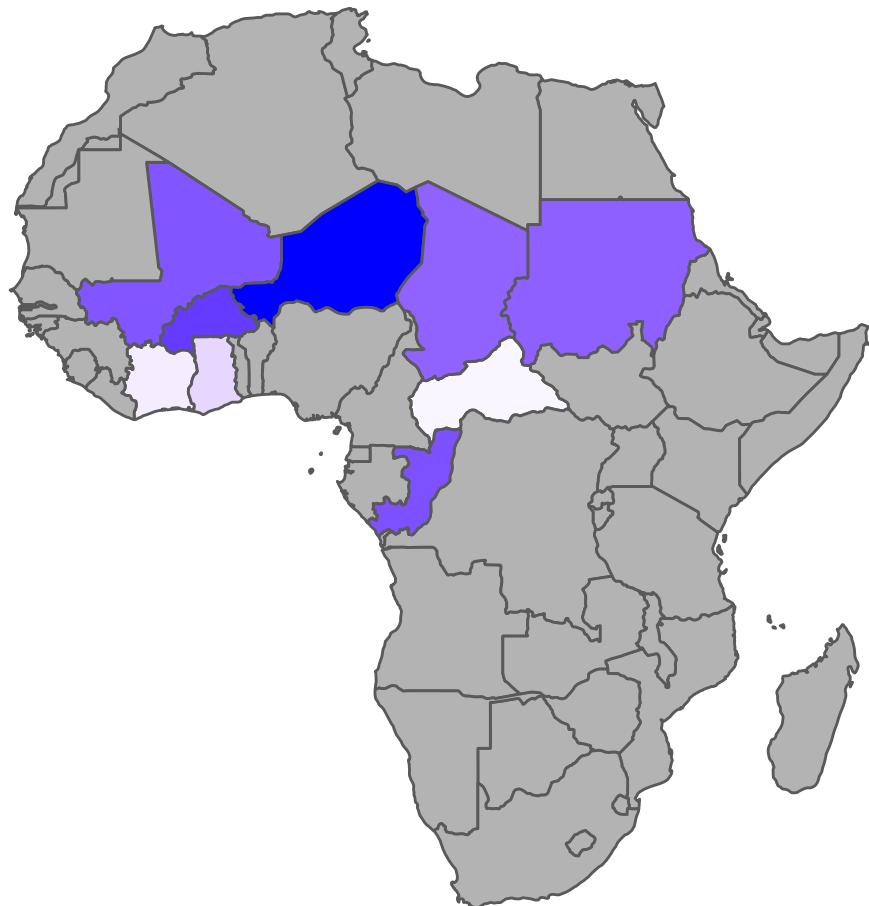


benefit–risk ratio

0 - 25000
25000 - 50000
50000 - 75000
75000 - 100000

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

2000
1500
1000
500

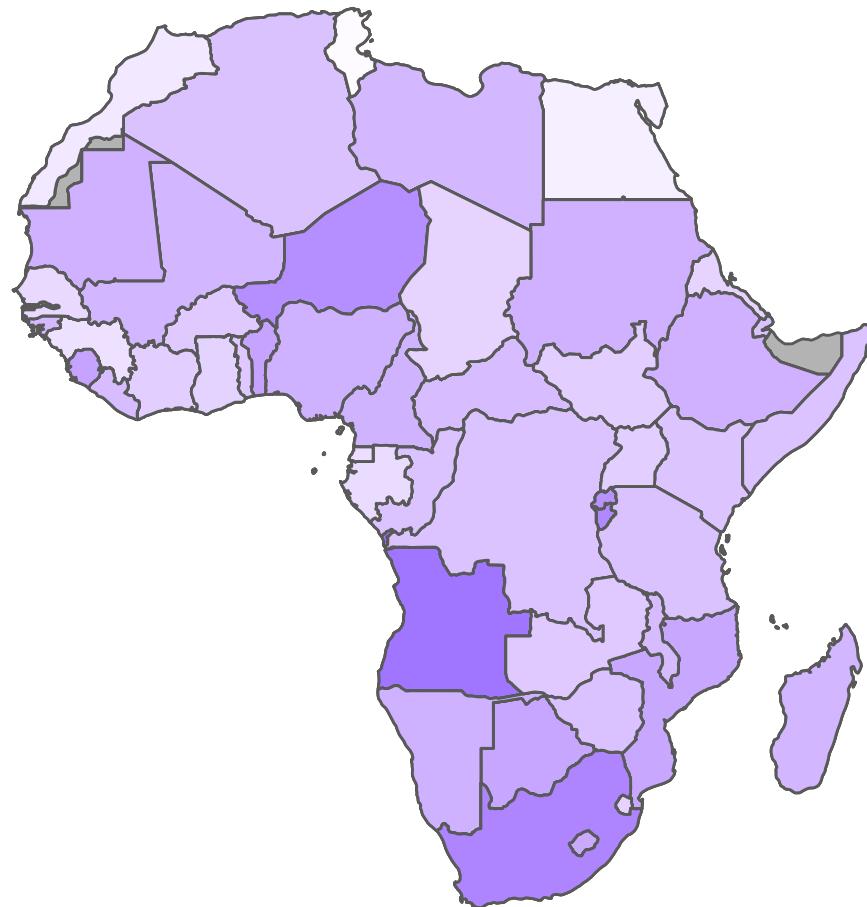
EPI benefits versus COVID-19 risks / sibling_benefit_risk_ratio

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

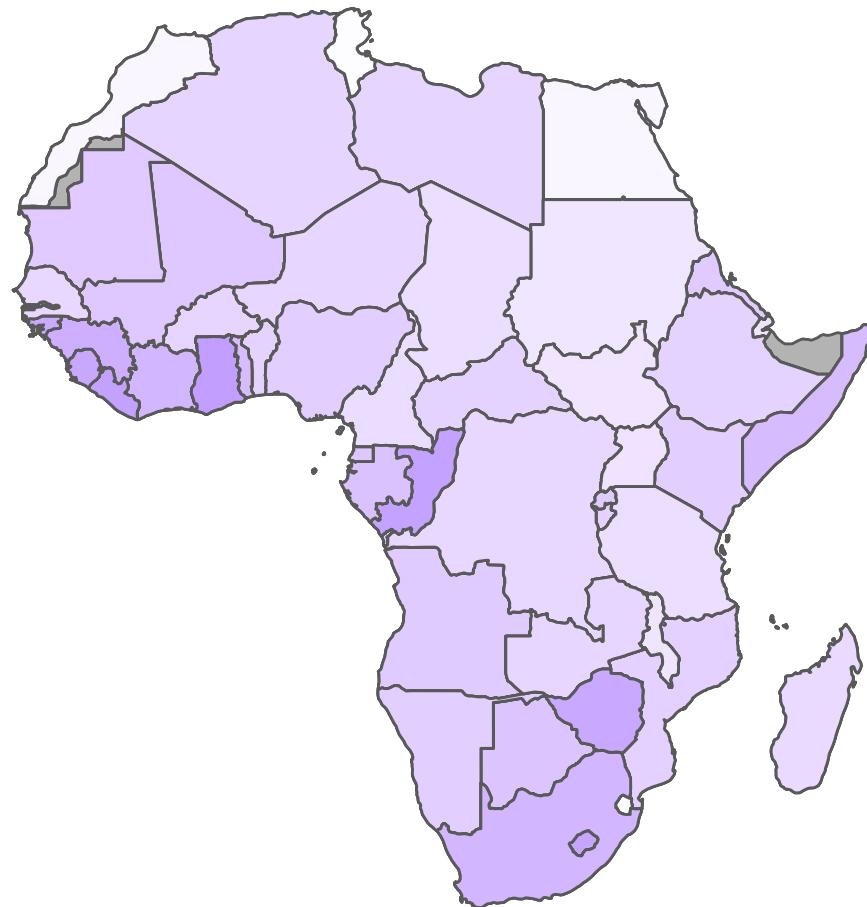
60000

40000

20000

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

6e+05

4e+05

2e+05

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

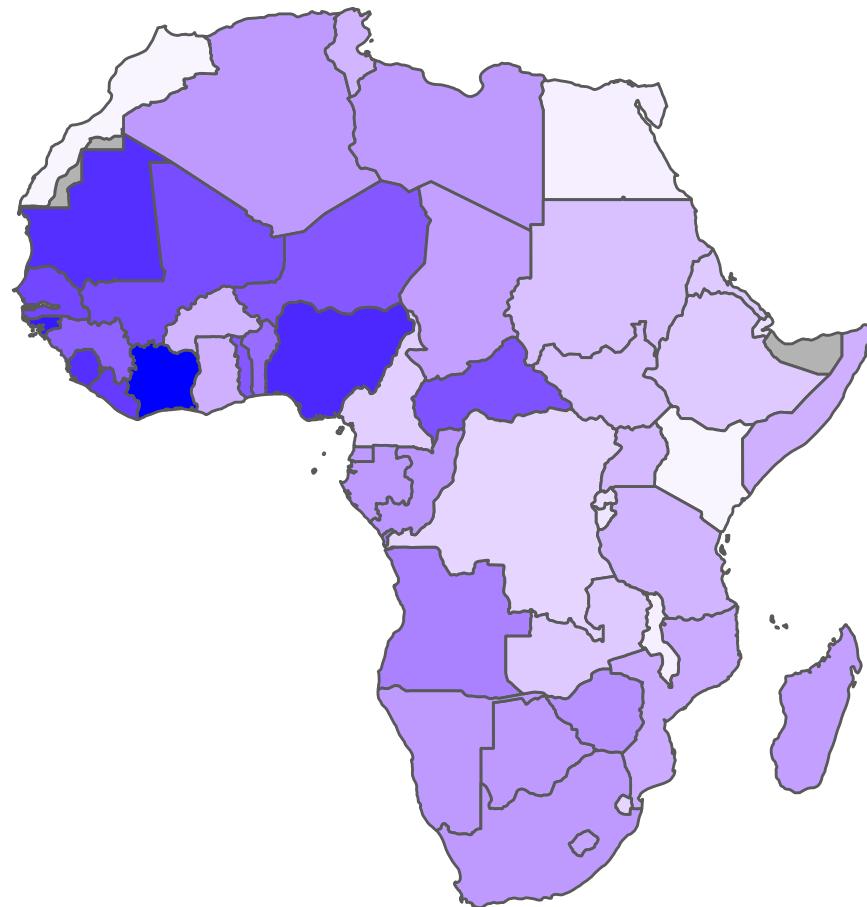


benefit–risk ratio

1250000
1000000
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

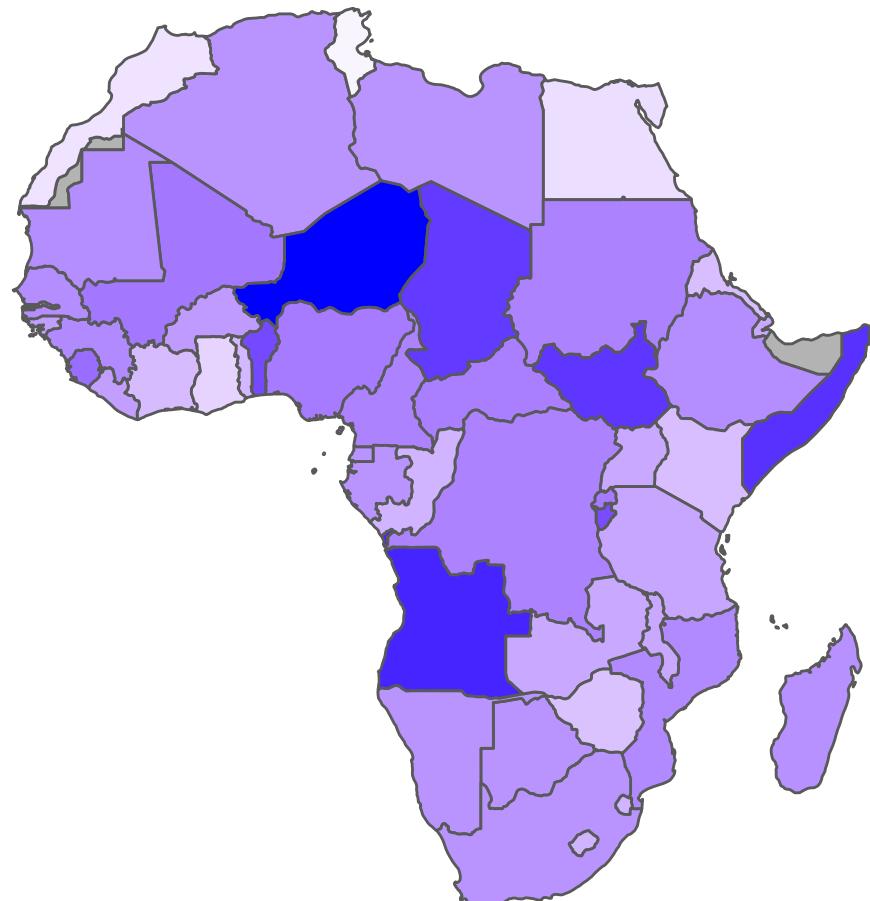


benefit–risk ratio

40
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

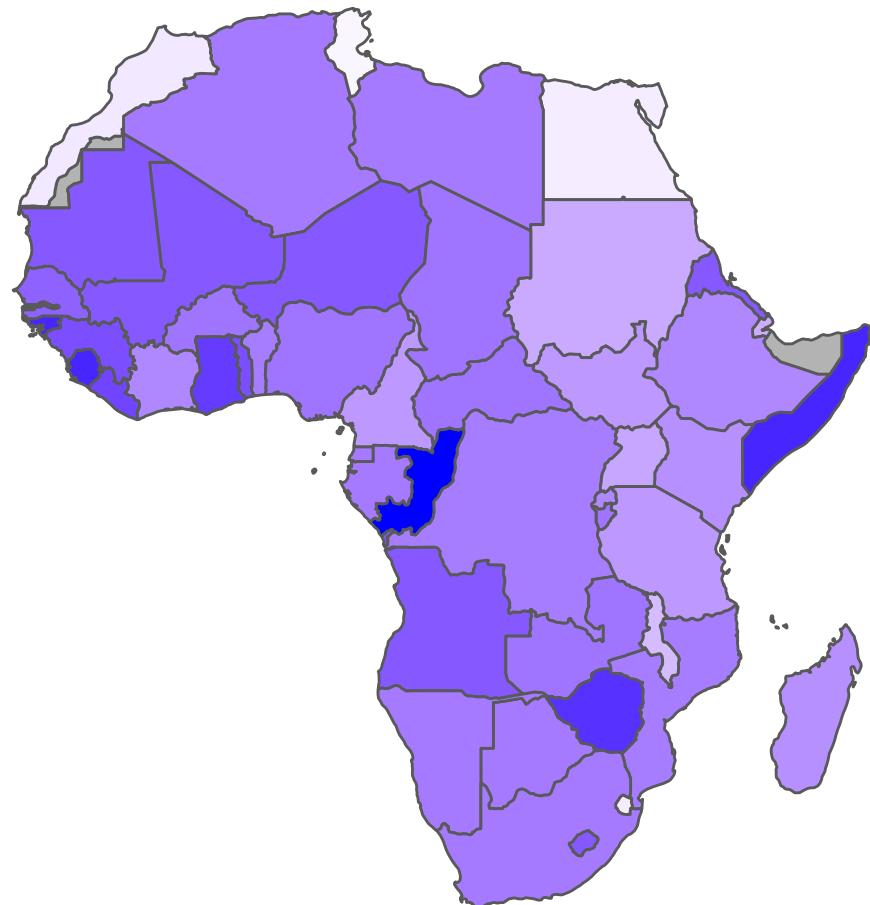


benefit–risk ratio

500
400
300
200
100

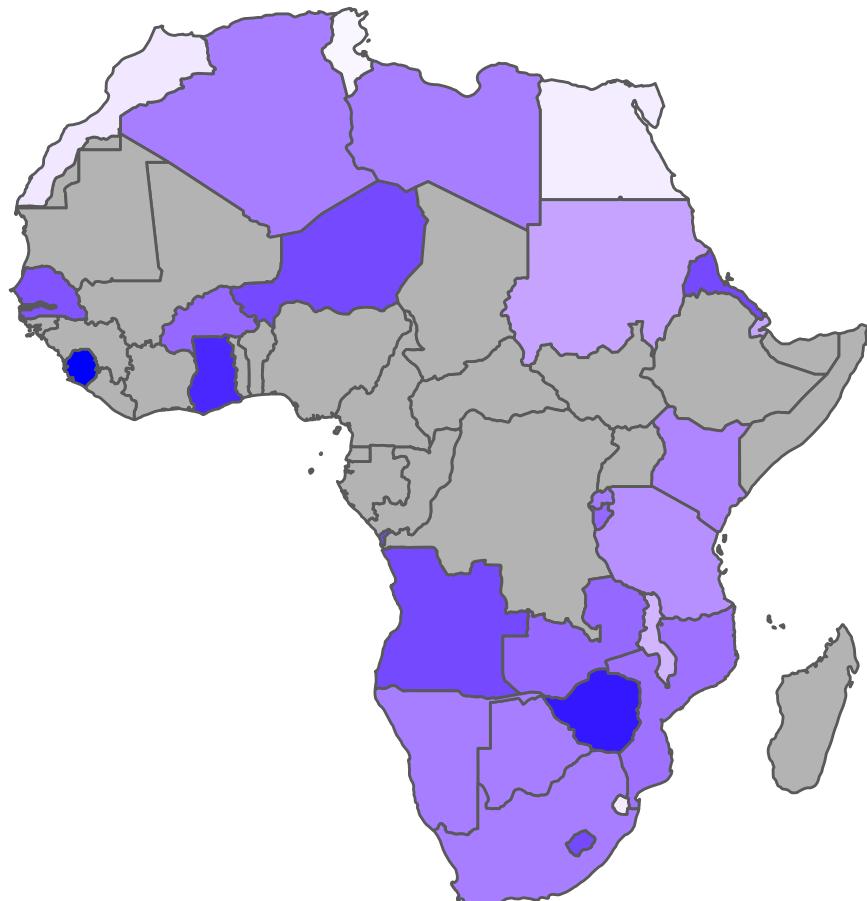
EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

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



EPI benefits versus COVID–19 risks / parent_benefit_risk_ratio

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

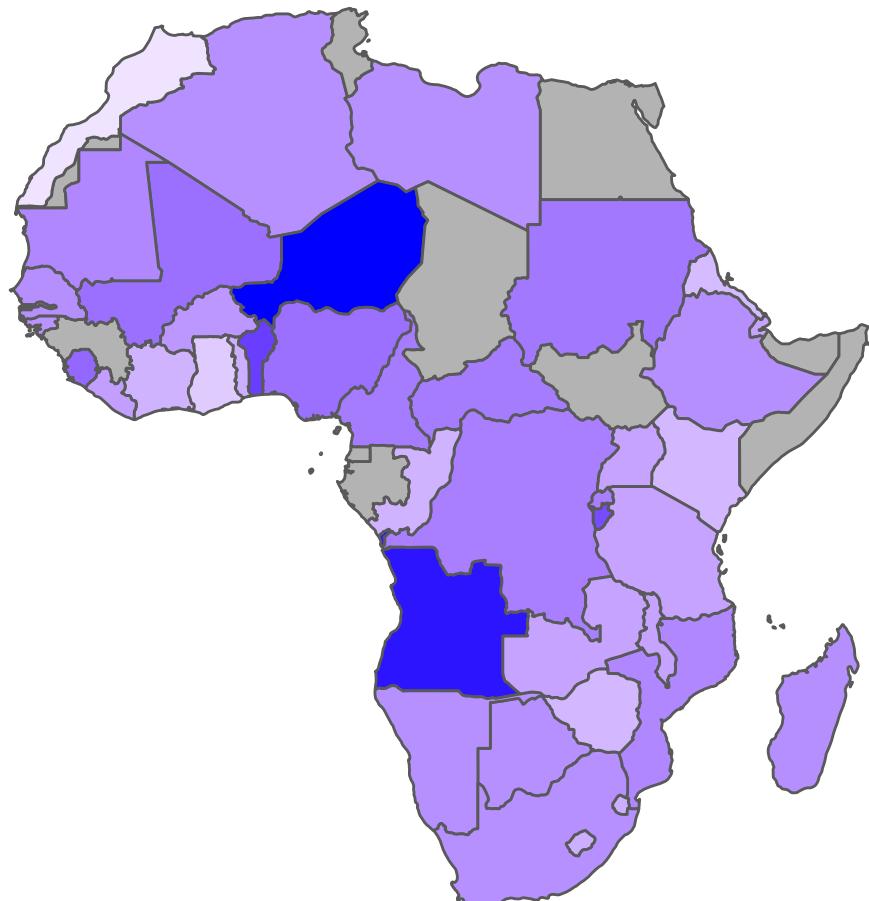


benefit–risk ratio

500
400
300
200
100

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

500
400
300
200
100

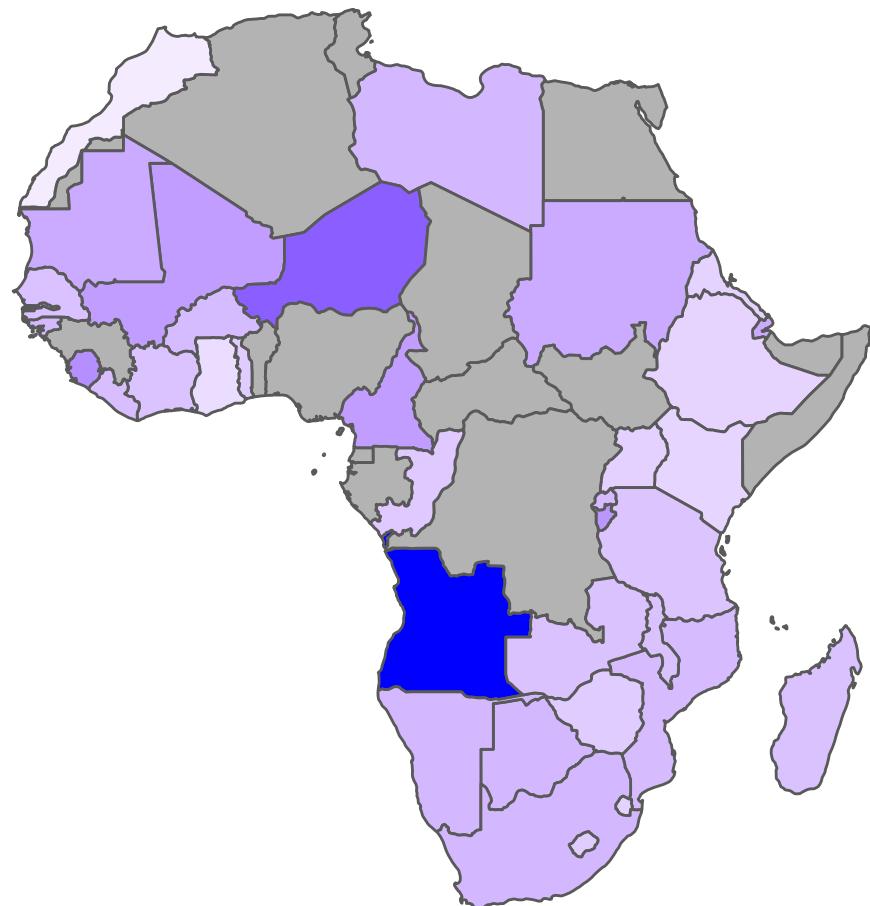
EPI benefits versus COVID-19 risks / parent_benefit_risk_ratio

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

400

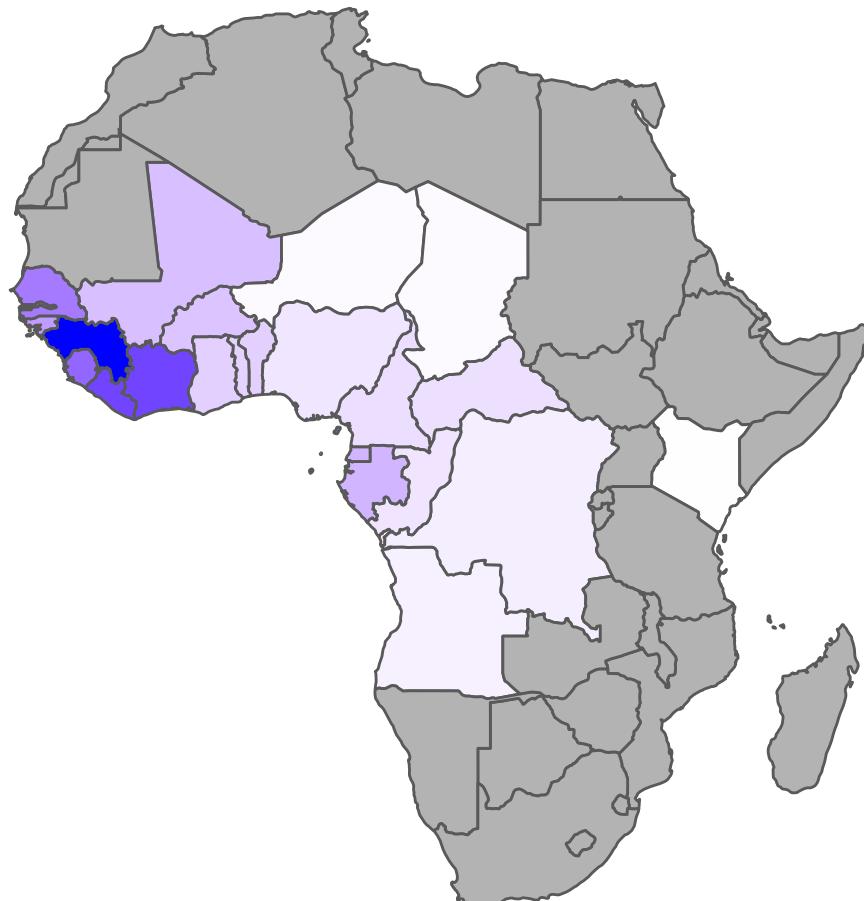
300

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

8000

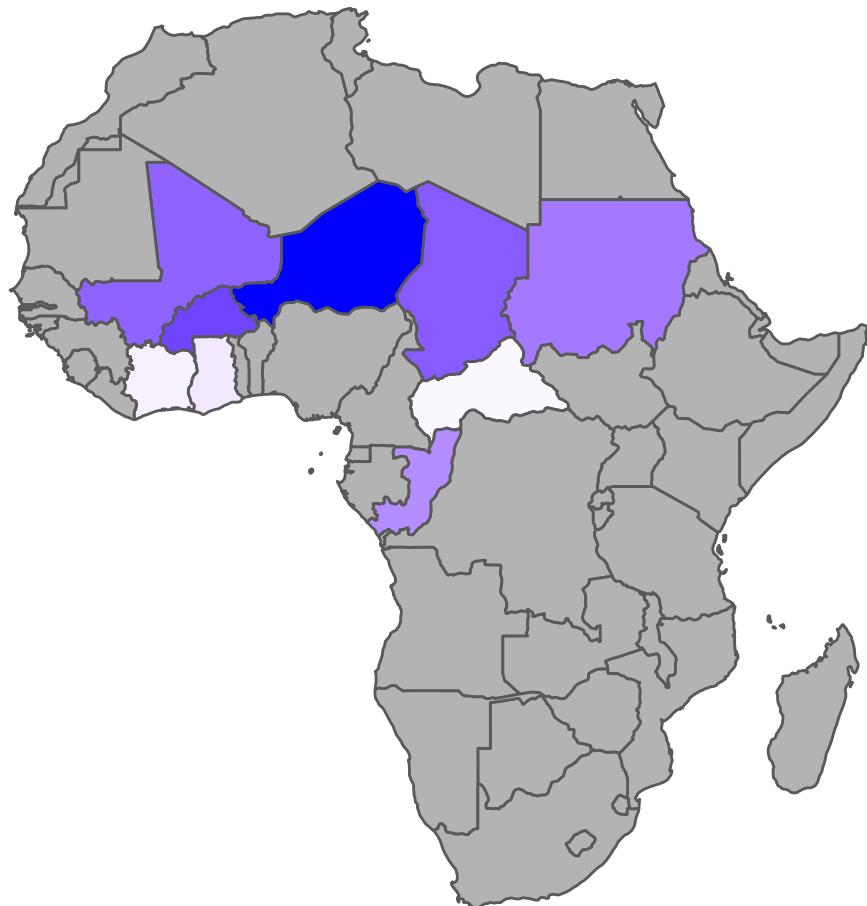
6000

4000

2000

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

160
120
80
40

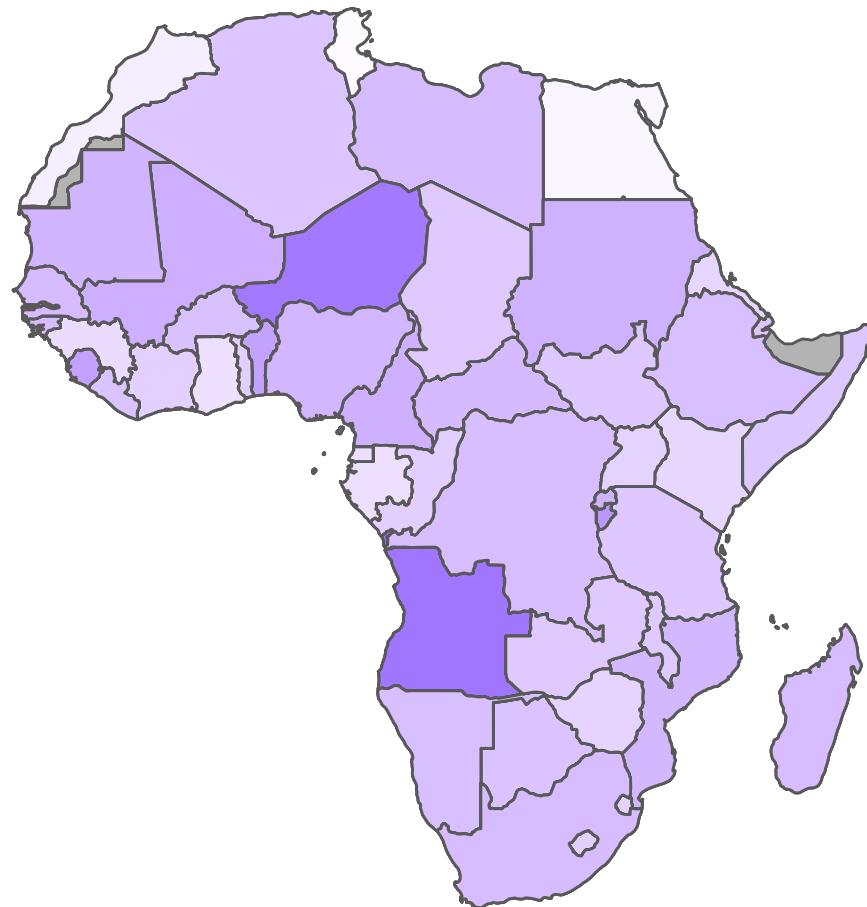
EPI benefits versus COVID-19 risks / parent_benefit_risk_ratio

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

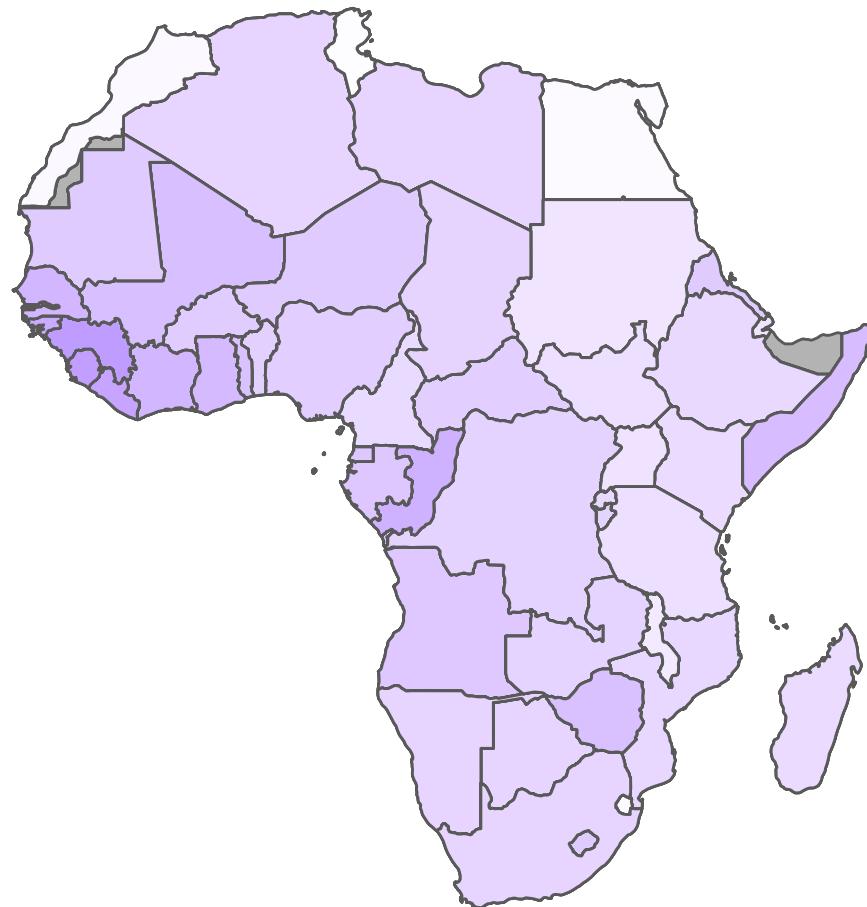


benefit–risk ratio

2000
1500
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

40000

30000

20000

10000

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

80000

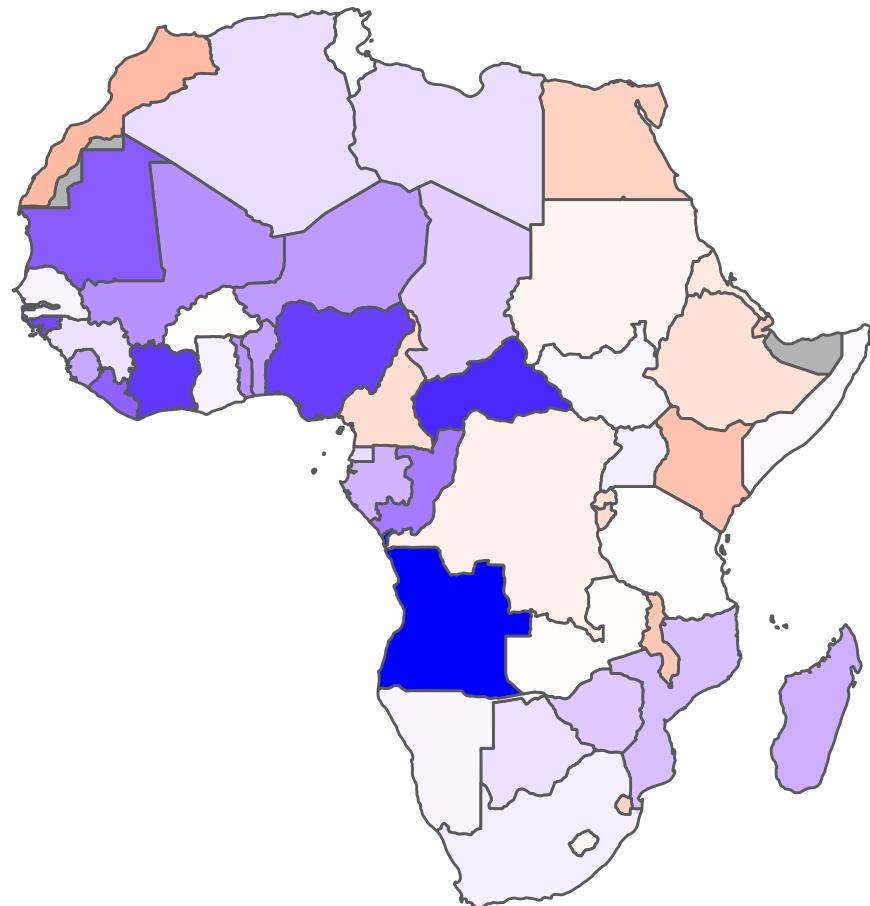
60000

40000

20000

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

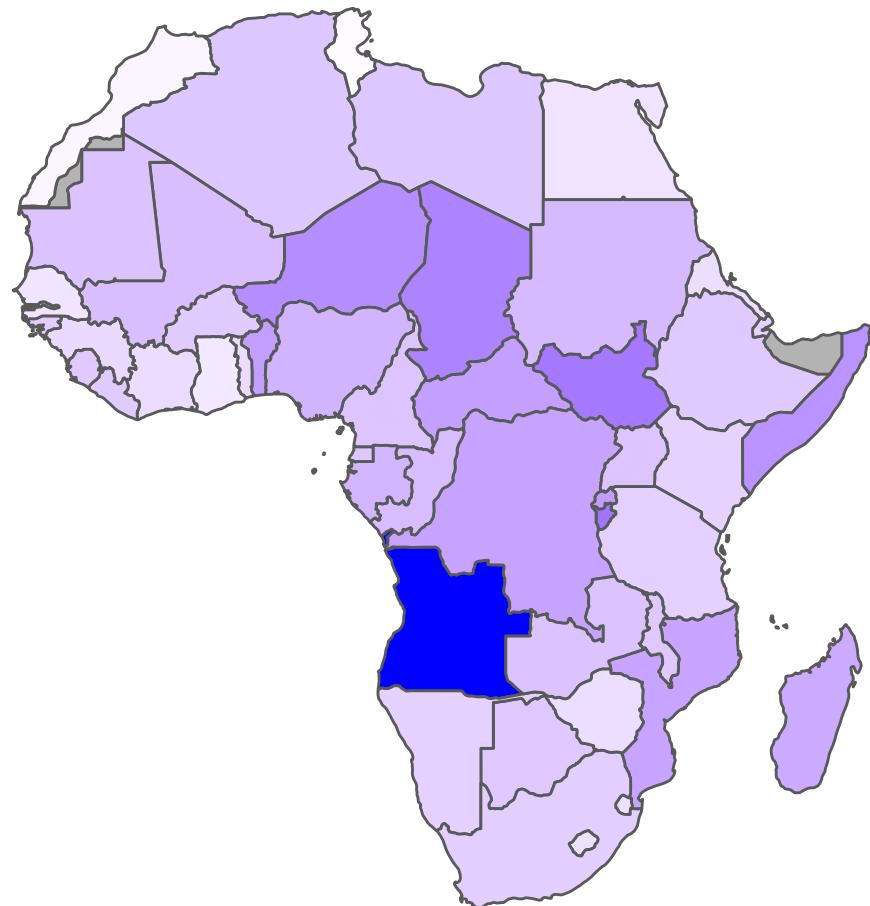
3

2

1

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

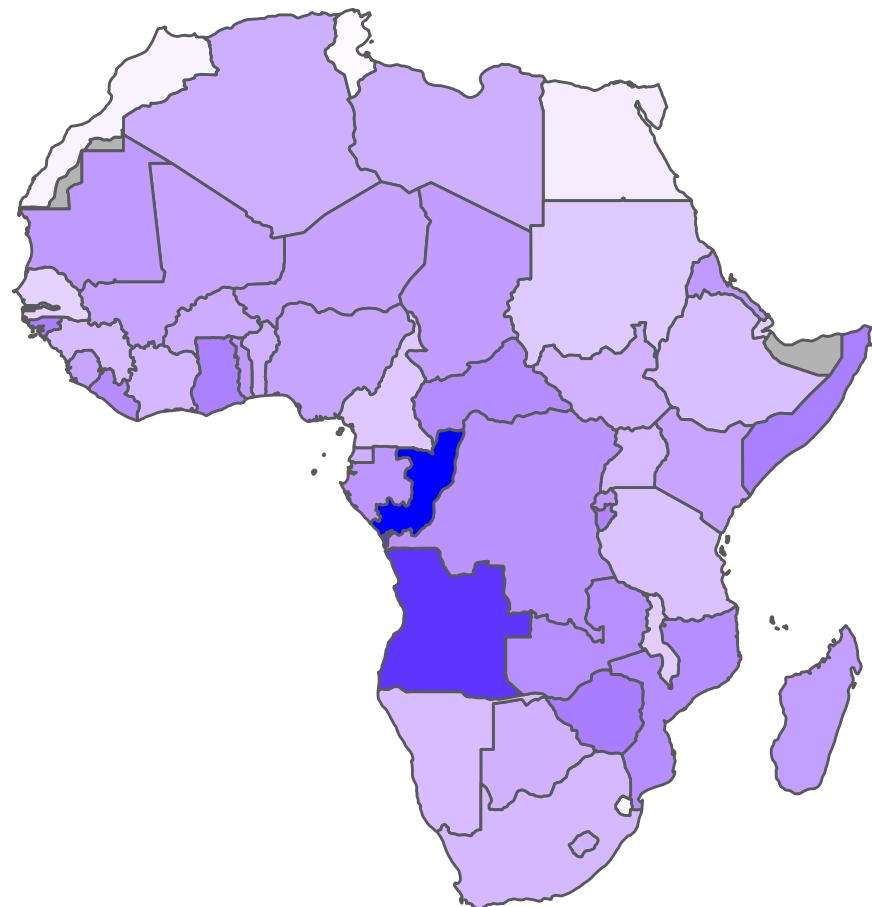
60

40

20

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

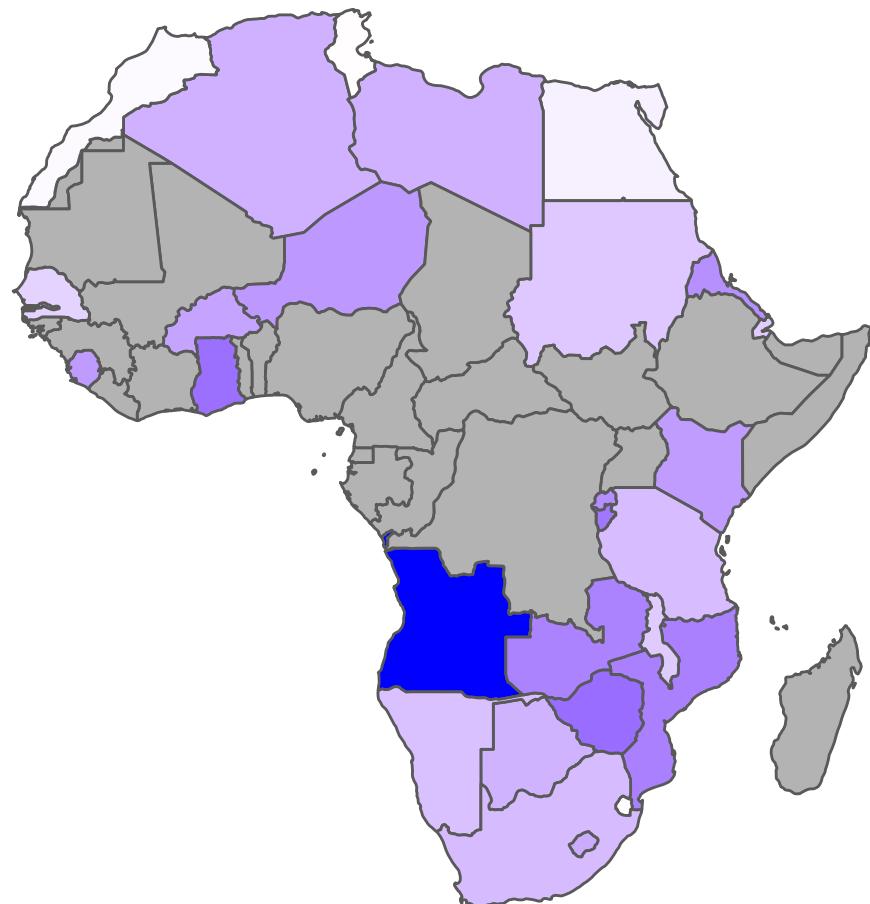
600

400

200

EPI benefits versus COVID–19 risks / grandparent_benefit_risk_ratio

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



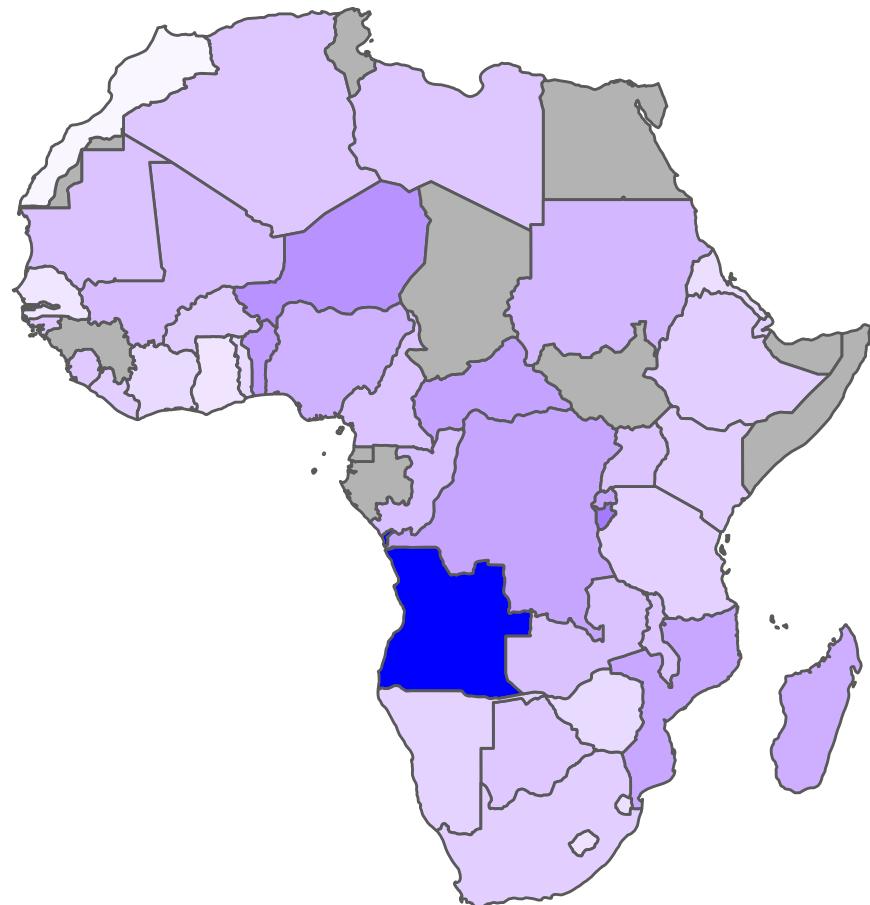
benefit–risk ratio

20

10

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

60

40

20

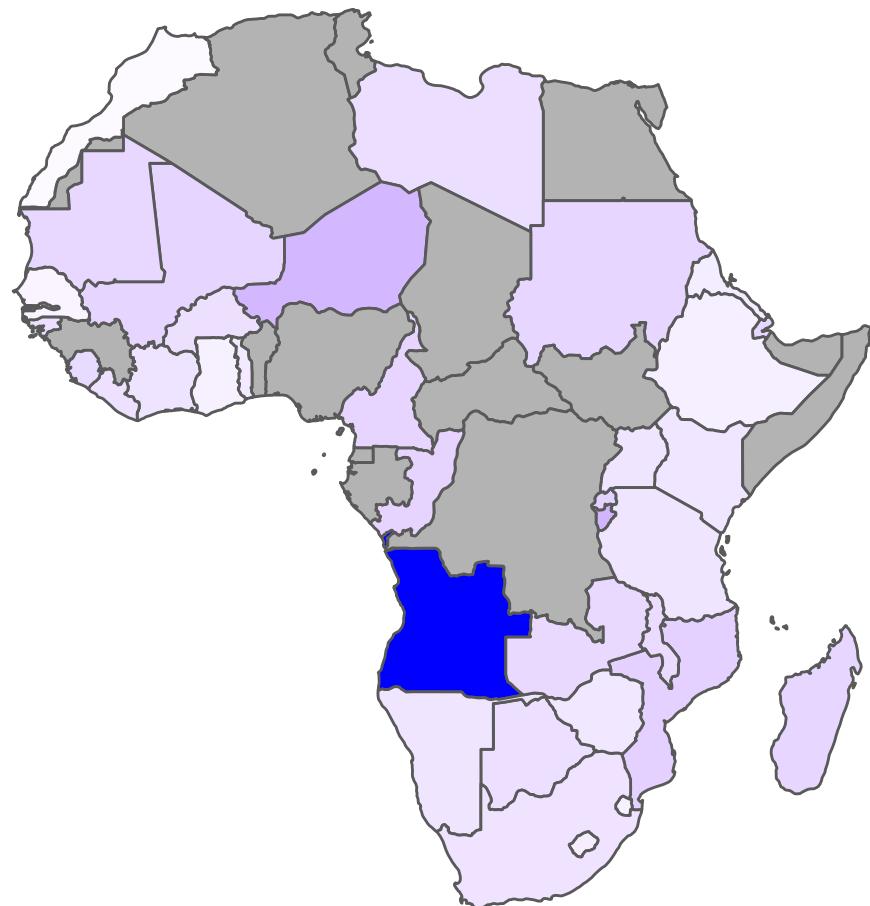
EPI benefits versus COVID-19 risks / grandparentBenefitRiskRatio

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

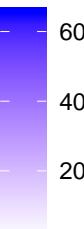


EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

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

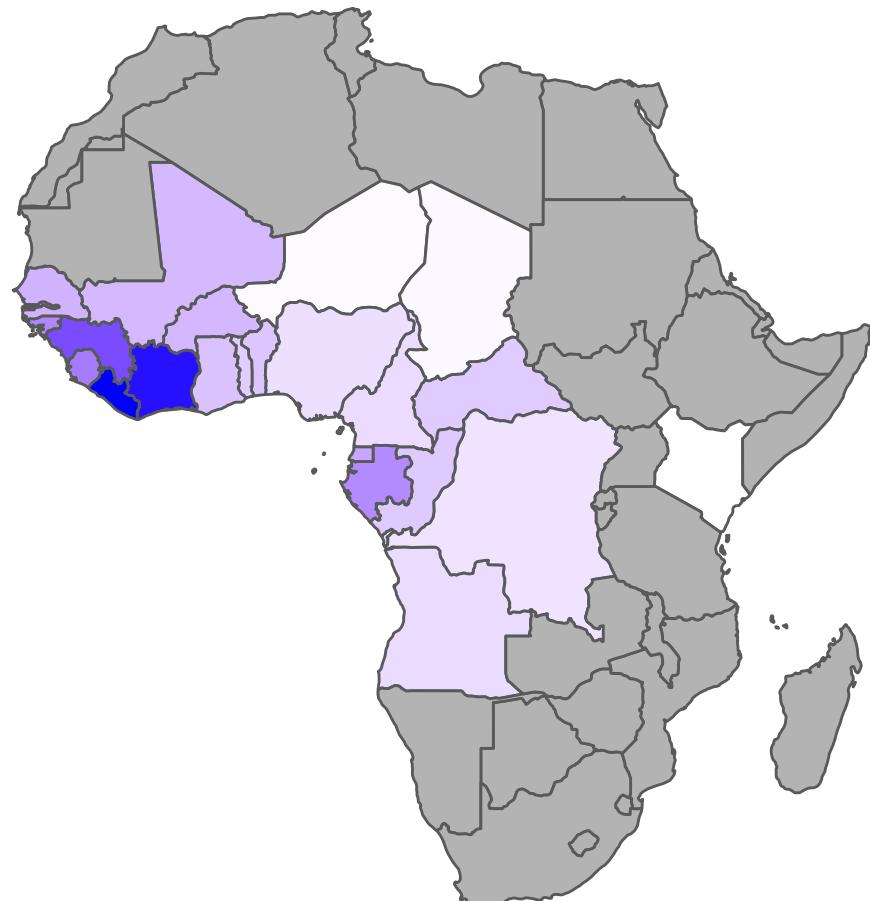


benefit–risk ratio



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

200

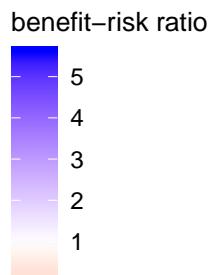
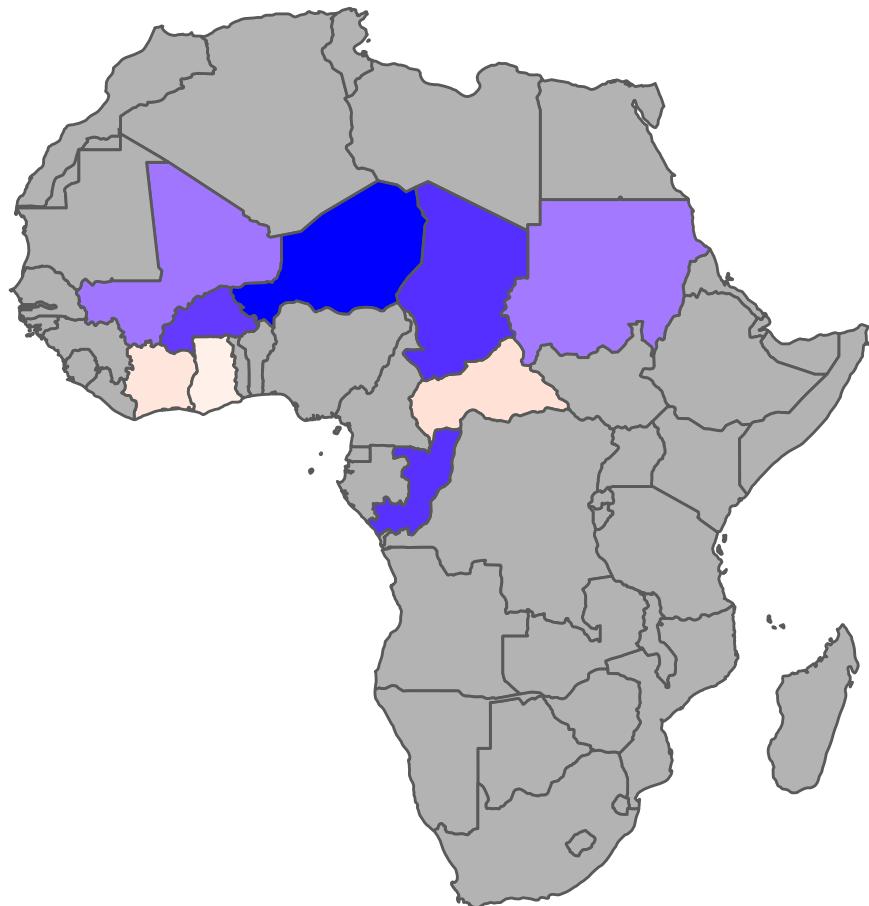
150

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



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

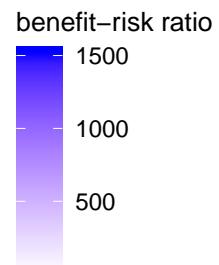
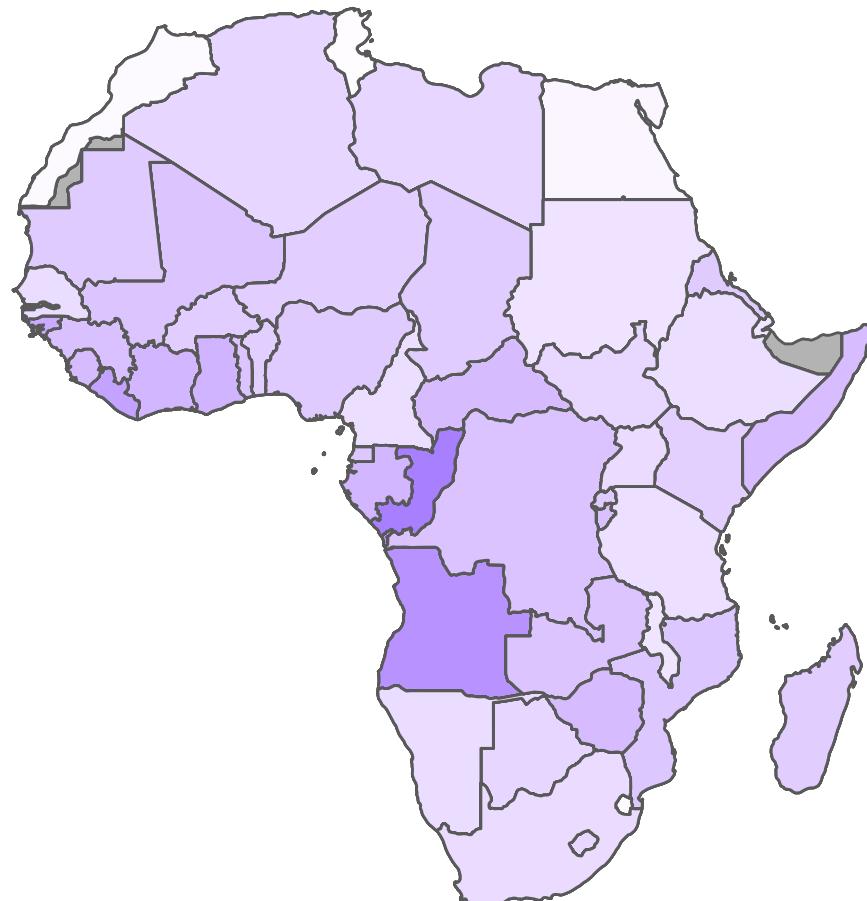
300

200

100

EPI benefits versus COVID–19 risks / grandparentBenefitRiskRatio

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



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

6000

4000

2000