

Africa Fortification Assessment 2011 - 2014



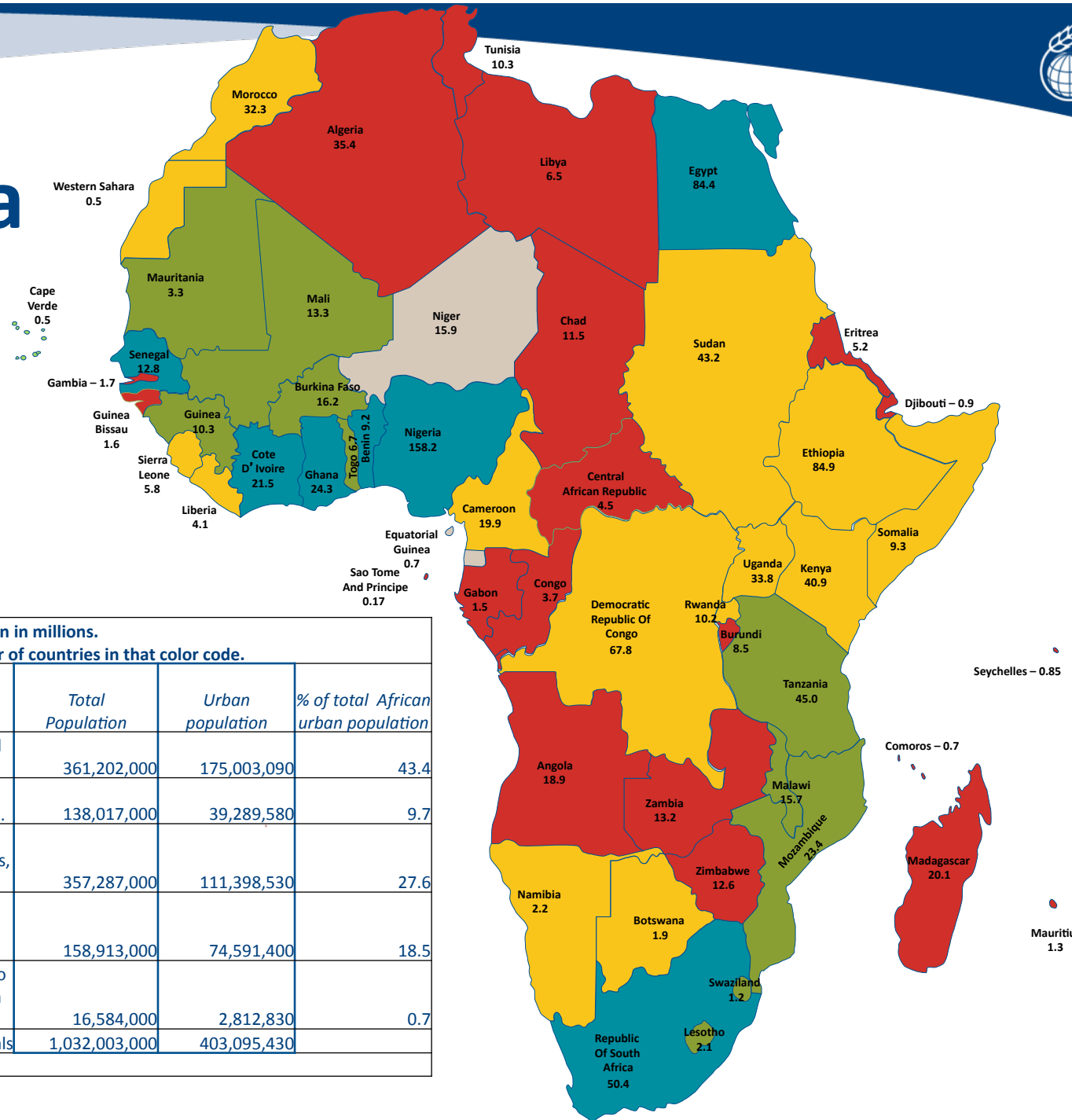
**Presented by Ronald Afidra
12th May 2014**



Food Fortification Initiative
Enhancing Grains for Healthier Lives

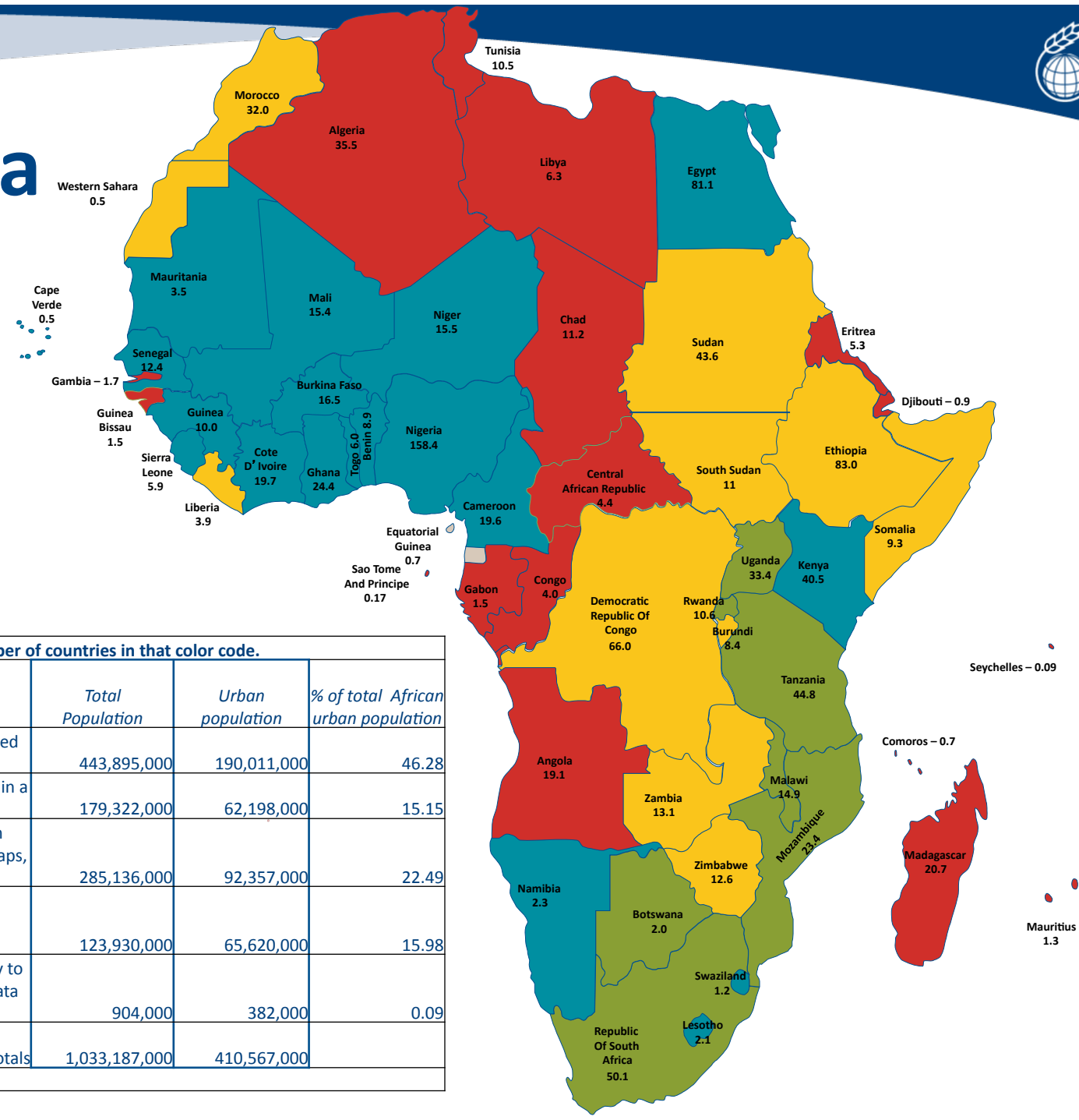


2011 Data





2013 Data



Number on color block below indicates number of countries in that color code.

	<i>Total Population</i>	<i>Urban population</i>	<i>% of total African urban population</i>
19 Over 75% of industrial-milled flour fortified in country. FFI's main role is monitoring.	443,895,000	190,011,000	46.28
7 Confident country will move to 75% within a year. Targeted support as needed.	179,322,000	62,198,000	15.15
12 Organized efforts to increase fortification within country. Without support to fill gaps, moving to 75% unlikely.	285,136,000	92,357,000	22.49
18 No fortification activity in the country. Major support necessary to reach 75% fortification	123,930,000	65,620,000	15.98
3 Fortification of wheat and/or maize likely to have very limited health impact; or no data on country	904,000	382,000	0.09
Totals	1,033,187,000	410,567,000	

Population and urbanization figures from UN Population Division



2011

Number on color block below indicates number of countries in that color code.				
		<i>Total Population</i>	<i>Urban population</i>	<i>% of total African urban population</i>
7	Over 75% of industrial-milled flour fortified in country. FFI's main role is monitoring.	361,202,000	175,003,090	43.4
11	Confident country will move to 75% by January 2012. Targeted support as needed.	138,017,000	39,289,580	9.7
14	Organized efforts to increase fortification within country. Without support to fill gaps, moving to 75% unlikely.	357,287,000	111,398,530	27.6
24	No fortification activity in the country. Major support necessary to reach 75% fortification	158,913,000	74,591,400	18.5
2	Fortification of wheat and/or maize likely to have very limited health impact; or no data on country	16,584,000	2,812,830	0.7
Totals		1,032,003,000	403,095,430	

Population figures from UN. Urbanization rates from CIA Fact Book

2013

Number on color block below indicates number of countries in that color code.				
		<i>Total Population</i>	<i>Urban population</i>	<i>% of total African urban population</i>
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Totals		1,033,187,000	410,567,000	

Population and urbanization figures from UN Population Division



2011



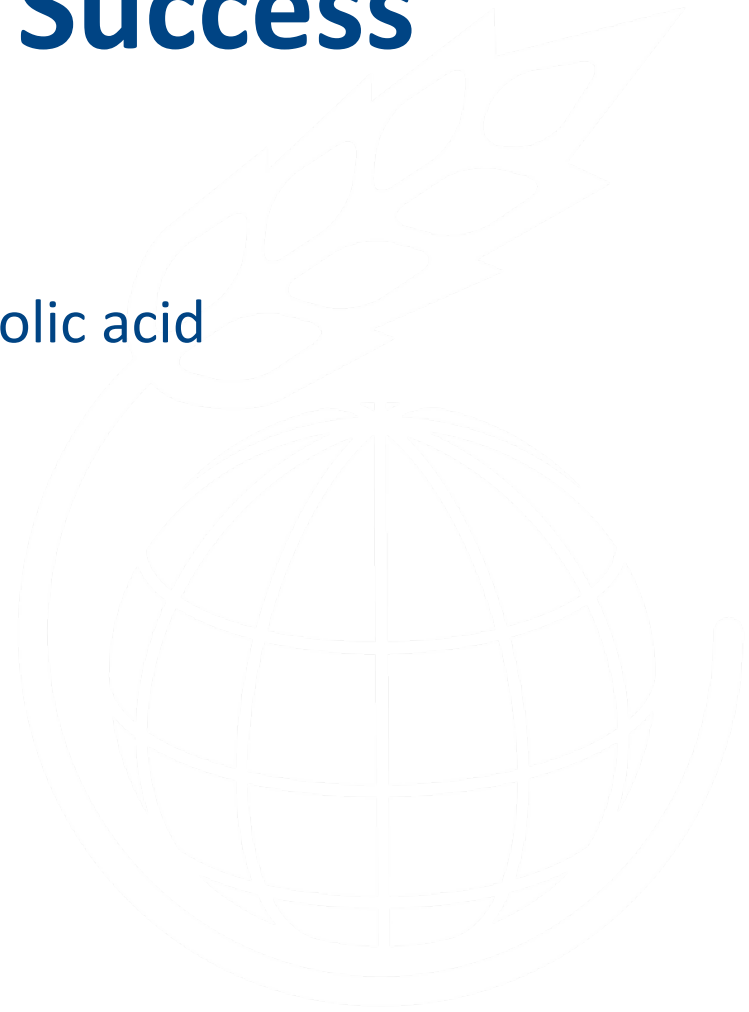
2013





Redefining Success

- “Blue” did not indicate:
 - Inclusion of at least iron and folic acid
 - Appropriate nutrient levels
 - Recommended type of iron
 - Only reflected wheat flour



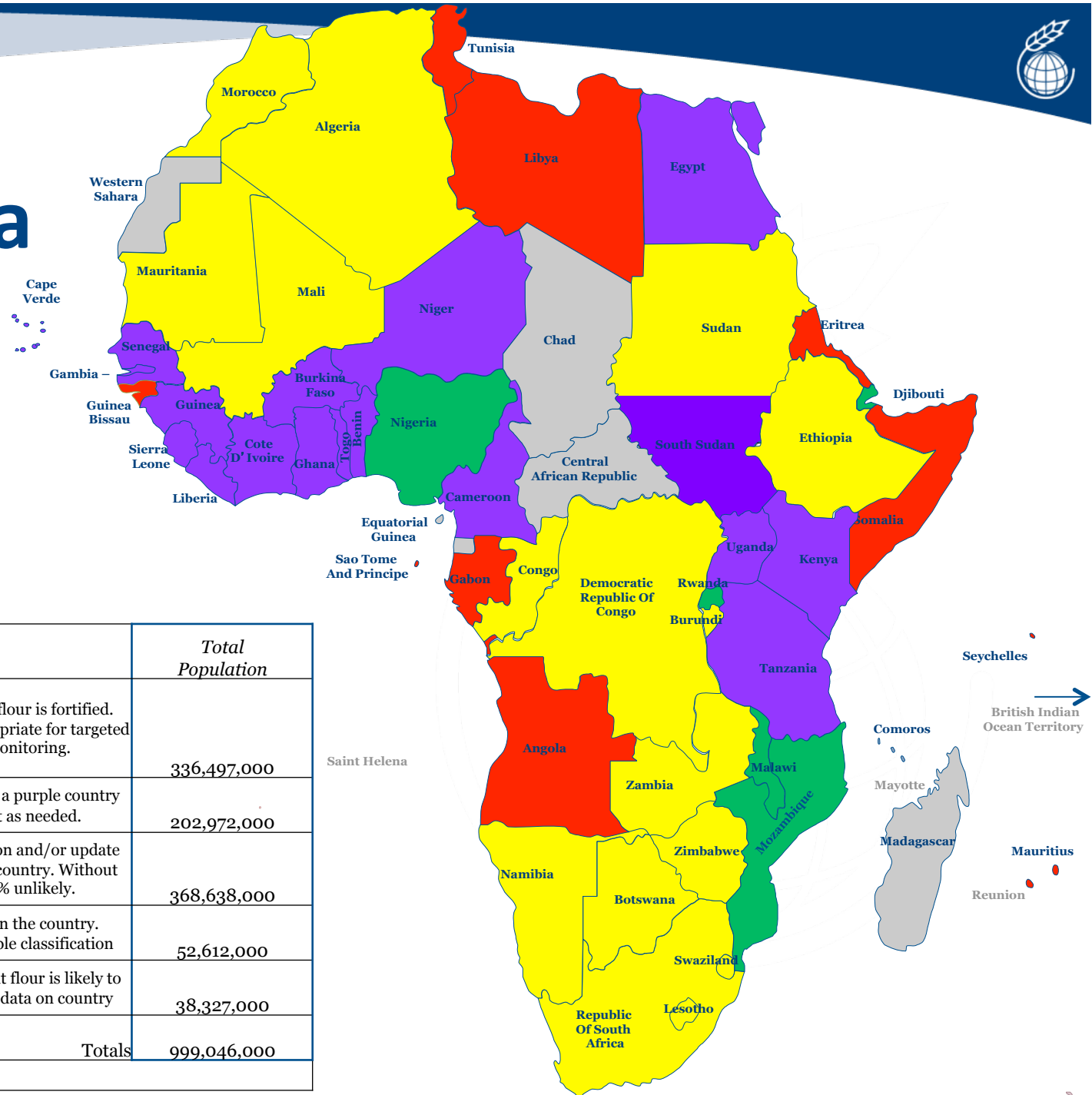


New Codes

- Purple:
 - Over 75% of industrially milled grain is fortified
 - Iron and folic acid are included as appropriate for targeted population.
 - Recommended type of iron is included for consumption levels
 - Separate maps for wheat flour, maize flour, and rice



2014 Data — Wheat Flour



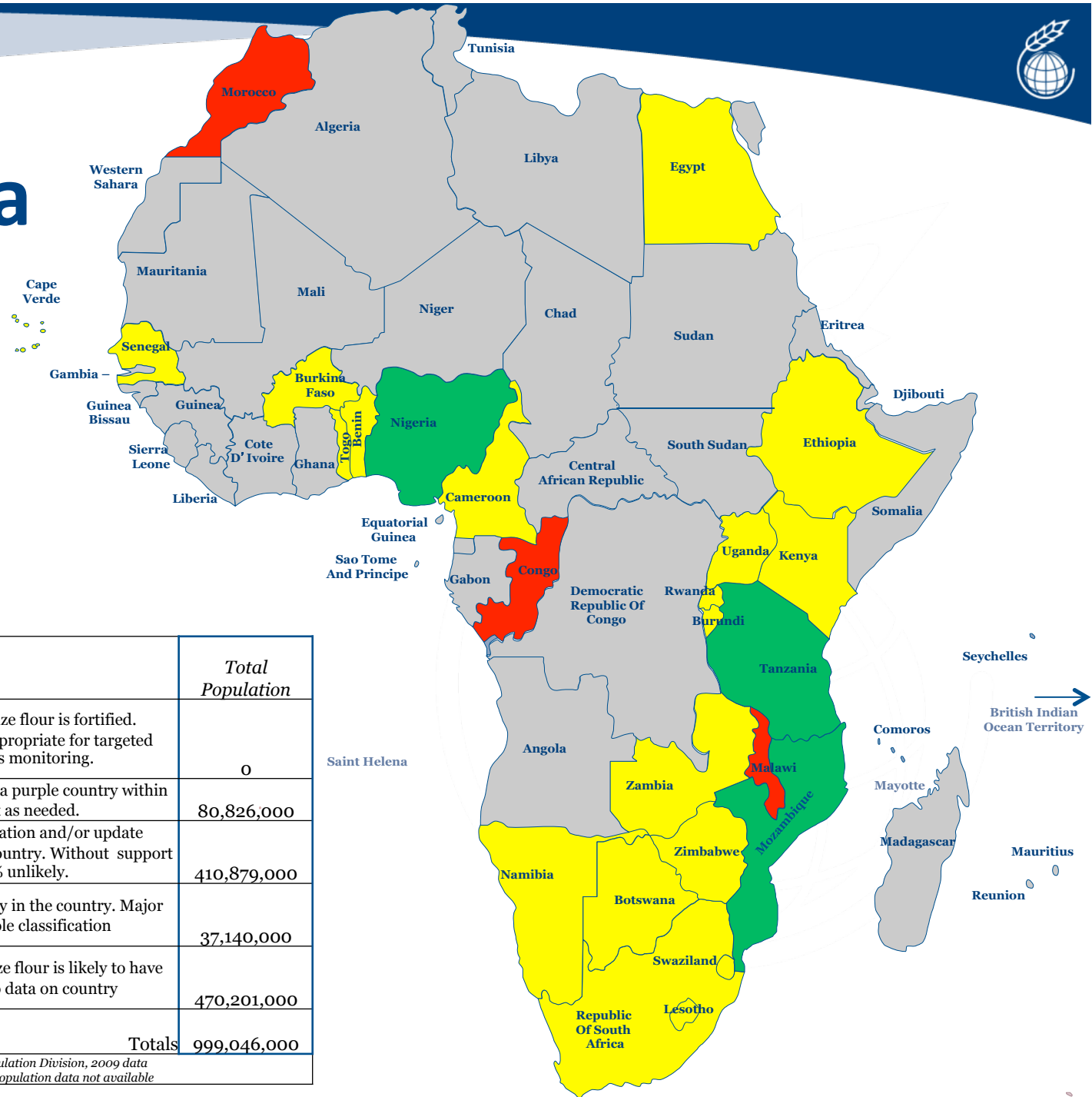
		Total Population
18	Over 75% of industrially milled wheat flour is fortified. Iron and folic acid are included as appropriate for targeted population. FFI's main role is monitoring.	336,497,000
5	Confident country will meet criteria for a purple country within one year. Targeted support as needed.	202,972,000
17	Organized efforts to increase fortification and/or update standards to appropriate levels within country. Without support to fill gaps, moving to 75% unlikely.	368,638,000
9	No wheat flour fortification activity in the country. Major support necessary to reach purple classification	52,612,000
10	Fortification of industrially milled wheat flour is likely to have very limited health impact; or no data on country	38,327,000
	Totals	999,046,000

Population figures from UN Population Division, 2009 data.
*British Indian Ocean Territory population data not available



2014 Data

Maize Flour

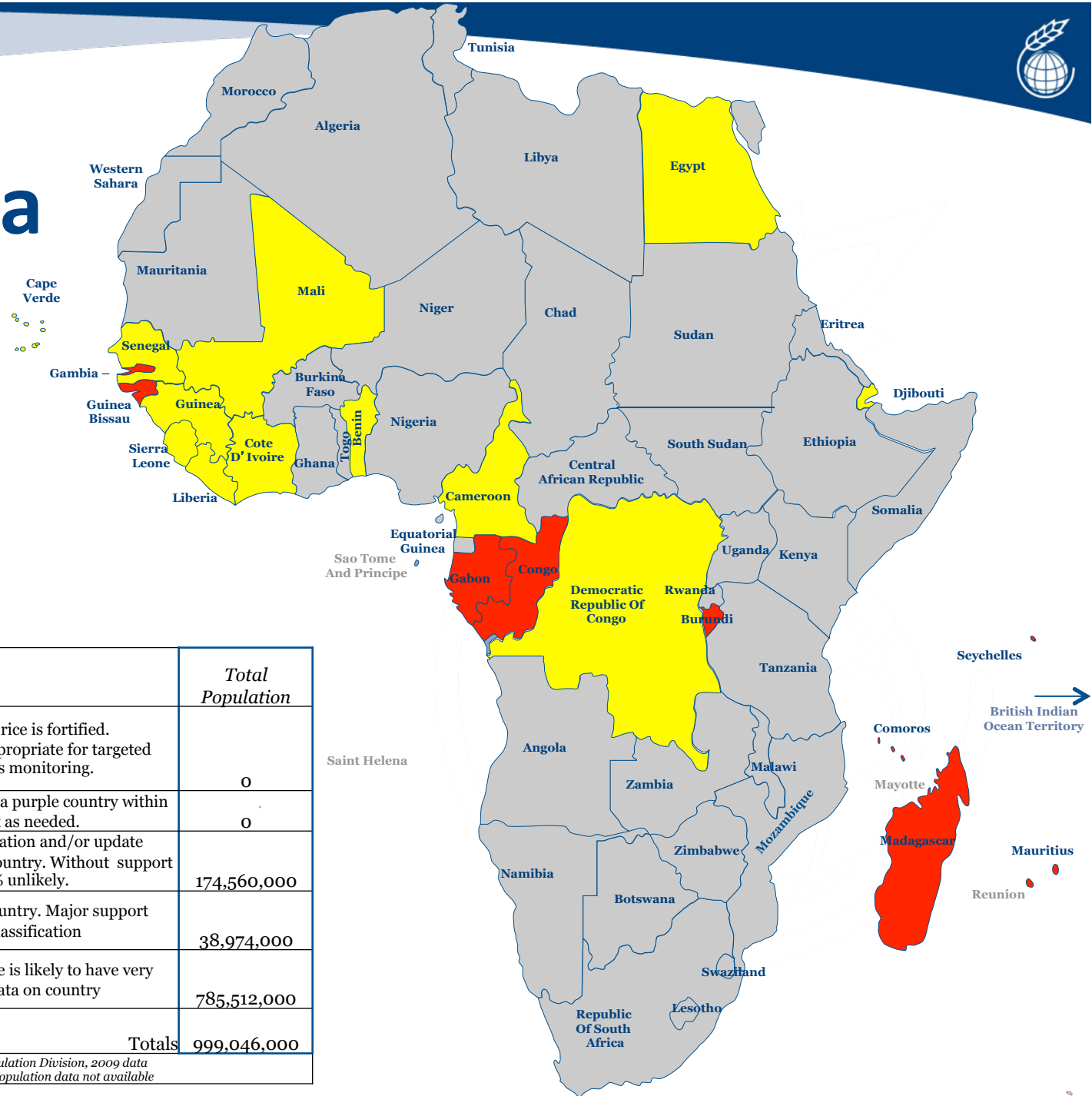


	Total Population
0	Over 75% of industrially milled maize flour is fortified. Iron and folic acid are included as appropriate for targeted population. FFI's main role is monitoring.
3	Confident country will meet criteria for a purple country within one year. Targeted support as needed.
20	Organized efforts to increase fortification and/or update standards to appropriate levels within country. Without support to fill gaps, moving to 75% unlikely.
4	No industrial maize fortification activity in the country. Major support necessary to reach purple classification
32	Fortification of industrially milled maize flour is likely to have very limited health impact; or no data on country
Totals 999,046,000	
<i>Population figures from UN Population Division, 2009 data *British Indian Ocean Territory population data not available</i>	



2014 Data

Rice



	Total Population
0	Over 75% of industrially milled rice is fortified. Iron and folic acid are included as appropriate for targeted population. FFI's main role is monitoring.
0	Confident country will meet criteria for a purple country within one year. Targeted support as needed.
11	Organized efforts to increase fortification and/or update standards to appropriate levels within country. Without support to fill gaps, moving to 75% unlikely.
9	No rice fortification activity in the country. Major support necessary to reach purple classification
39	Fortification of industrially milled rice is likely to have very limited health impact; or no data on country
Totals	
	999,046,000
<small>Population figures from UN Population Division, 2009 data *British Indian Ocean Territory population data not available</small>	



Conclusions

- Public Sector strengthening for QA/QC-nutrients monitoring
- Self Regulation by millers for compliance
- Review and re-aligning of regulation and standards to recommended guidelines
- Partnerships a key to successful implementation



For More Information

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