

### Bureau of Statistics New Survey Activities

Activity	Indicators	Details/Questions
Conduct living standards survey to assess expenditures/income and own-production	1.1.1, 2.1.1, 10.1.1	Build on HNLSS, WB Living Standards Surveys Link to KDGHS panel? Use poverty mapping budget? Include questions on food consumption to estimate daily energy intake (if not here, include in GHS)
Comprehensive births survey	3.1, 3.2, 3.7.2	Could be part of GHS but for required sample size and length of details required probably better to do dedicated survey if affordable
Improve vital statistics registration AND/OR incorporate verbal autopsies in General Household Survey	3.4, 3.6.1, 3.9, 8.8.1, 16.1.1, 16.1.2, 17.19.2	Probably two-pronged approach required
New questions for Annual School Census on infrastructure	4.a.1	Internet access for learning, infrastructure for disabilities, gender-specific toilet information
Sensitive Subjects Survey on violence and discrimination.	8.7.1, 10.3.1, 11.7.2, 16.1.3, 16.2.1, 16.2.3, 16.b.1	Difficult to implement – part of GHS or separate?
Enterprise Survey on lines of credit, R&D investment, recruitment costs, experiences of being asked for/paying a bribe	9.3.2, 9.5.1, 10.7.1, 16.5.2	Need to define small-scale industries

### Bureau of Statistics Analytical Activities

Activity	Indicators	Details/Questions
Define Kaduna State multidimensional poverty index	1.2.2	No national definition Can adopt MPHI or similar and ensure all relevant indicators included in surveys
Develop indicator of food price anomalies	2.c.1	

Calculation of various education parity indices by location, gender, wealth, disability etc.	4.5.1	
Calculate GDP per capita estimates from GDP and population surveys	8.1.1	
Disaggregate GDP data by ISIC code to identify medium and high-value industry	9.b.1	
Disaggregate by age, disability and sex those living below 50% of median income	10.2.1	From GHS 2017 income data to start with
Report 'Macroeconomic dashboard' of inflation, GDP growth rate etc.	17.13.1	Mainly requires release of inflation figures and new GDP survey in future
Assess proportion of SDGs indicators with full disaggregation	17.18.1	
Assess proportion of small-scale industries in GDP	9.3.1	Disaggregate GDP to some definition of small-scale industries
Measure labour compensation	10.4.1	Could be through disaggregation of GDP data, if permitted, or extrapolation of GHS income data.
Desk research of remittance costs	10.c.1	Can be found online/through phone calls

### Bureau of Statistics Collaborative Activities

Activity	Indicators	Details/Questions
Collaborate with SEMA to estimate deaths from disaster and economic losses	1.5, 11.5, 13.1	Could begin with tracking media reports
Collaborate with MoBP for systematic tracking of budget tags, including defining spending on the poor, youth, women, agriculture and essential services	1.a, 1.b, 2.a.1, 5.c.1, 8.b.1	Include in budget process, or an ex post activity?
Collaborate with MoEnvironment to identify species at risk of extinction	2.5.2, 15.5.1	Including birds for Red List Index
Collaborate with MoBP DAC and donors to get estimates of ODA by sector	2.a.2, 3.b.2, 4.b.1, 6.a.1, 7.a.1, 7.b.1, 8.a.1, 9.a.1, 10.b.1, 11.c.1, 12.a.1, 13.b.1, 15.a, 17.2.1, 17.3.1,	
Collaborate with MoHealth and SPHCDA to access, audit and improve DHIS data	3.3, 3.5.1, 3.c.1	

Collaborate with MoHealth, SPHCDA and SEMA to assess 13 core capacities on International Health Regulations	3.d.1	
Collaborate with MoEducation and SUBEB to agree a minimum proficiency level for each grade of school and for adults	4.1.1	
Collaborate with Ministry of Women Affairs and MoJustice to apply FAO Legal Assessment Tool on women's land rights	5.a.2	
Collaborate with Ministry of Water and MoEnvironment to assess water body quality, availability and ecosystems. And to implement Integrated Water Resources Management Questionnaire	6.3.2, 6.4.2, 6.5.1, 6.6.1	No clear methodology, but we can define own standards using international experience.
Collaborate with Ministry of Works or Federal Ministry of Power to understand how to calculate renewable and total energy.	7.2.1, 7.3.1	
Collaborate with banks present in Kaduna to gather data on number of branches and number of ATMs in the state	8.10.1	
Collaborate with Ministry of Transport on passenger and freight volumes	9.1.2	
Collaborate with telecoms companies to understand network coverage and % of population covered	9.c.1	May require remote sensing comparison to population distribution
Collaborate with MoEnvironment to estimate solid waste collection rate and disposal	11.6.1	
Collaborate with MoEnvironment to measure particulate levels in cities	11.6.2	
Collaborate with MoEnvironment to measure hazardous waste produced and treated, and recycling rate	12.4.2, 12.5.1	
Collaborate with MoEnvironment and KADGIS to identify important sites for biodiversity and protected areas	15.1.2, 15.4.1	
Collaboration with Prisons Service on proportion of detainees who are un-sentenced	16.3.2	

Collaboration with Police on number of victims of human trafficking, on harm to journalists, and on weapons and their recording and tracing	16.2.2, 16.10.1, 16.4.2	
Collaboration with Head of Service on breakdown of public servants by gender, age and disability	16.7.1	
Collaborate with KADENAP on anthropometric measurement of children and other nutrition indicators	Goal 2	
Collaboration with private sector to ask which Kaduna-based companies publish sustainability reports	12.6.1	What counts as a sustainability report? Needs to use establishments sampling frame.
Collaboration with forest rangers on poaching and wildlife trafficking	15.7.1, 15.c.1	
Collaborate with Federal Ministry of Trade and Investment to understand average tariffs by sector	17.12.1	

#### **Bureau of Statistics Remote Sensing Activities – in collaboration with KADGIS and Gates**

<b>Topic</b>		
Proportion of agricultural area that's productive and sustainable	2.4.1	Definition required
Proportion of population within 2km of all-season road	9.1.1	
Proportion of population with access to public transport	11.2.1	
Share of public open space in urban areas	11.7.1	
Measure urban population	11.a.1	
Forest area proportion, change over time and protected area	15.1.1, 15.2.1	
Identify degraded land proportion	15.3.1	
Mountain Green Cover Index	15.4.2	Unclear if has already been calculated by FAO and/or can be disaggregated to Kaduna

#### **Bureau of Statistics – Questions for future General Household Survey**

Topic	Indicators	Sources for Q
Coverage of state and national social protection systems	1.3.1	
Secure tenure to land (not just housing)	1.4.2, 5.a.1	Also need to estimate who actually owns the land and their gender
Include questions from FAO Food Insecurity Experience Scale	2.1	<a href="http://www.fao.org/3/a-bl404e.pdf">http://www.fao.org/3/a-bl404e.pdf</a>
Accurate measurement of anthropometric measures (just height-for-age, weight-for-height)	2.2	Calculate using reference population at <a href="http://www.who.int/childgrowth/software/en/">http://www.who.int/childgrowth/software/en/</a>
Indicators for Multidimensional Poverty Index	1.2.2	<a href="http://www.ophi.org.uk/research/multidimensional-poverty/">http://www.ophi.org.uk/research/multidimensional-poverty/</a>
Incorporate verbal autopsy process/questions	3.4 , 3.6.1, 3.9, 8.8.1, 16.1.1, 16.1.2	<a href="http://www.who.int/healthinfo/statistics/verbalautopsystandards/en/">http://www.who.int/healthinfo/statistics/verbalautopsystandards/en/</a> Will require collaboration with Ministry of Health/SPHCDA
Coverage of medical treatment interventions	3.5.1	
Alcohol consumption per capita	3.5.2	
Essential health service coverage	3.8.1	Tracer interventions that include reproductive, maternal, newborn and child health, infectious diseases, non-communicable diseases and service capacity and access, among the general and the most disadvantaged population
Current tobacco use	3.a.1	
Questions from Early Childhood Development Index	4.2.1	<a href="https://data.unicef.org/wp-content/uploads/2015/12/Measuring-ECD-Brochure-HR-10_8_116.pdf">https://data.unicef.org/wp-content/uploads/2015/12/Measuring-ECD-Brochure-HR-10_8_116.pdf</a>
Questions on pre-school enrolment	4.2.2	
Questions on ICT skills	4.4.1	ITU Framework: <a href="http://www.itu.int/en/ITU-D/Statistics/Documents/intlcoop/sdgs/ITU-ICT-technical-information-sheets-for-the-SDG-indicators-Sept2015.pdf">http://www.itu.int/en/ITU-D/Statistics/Documents/intlcoop/sdgs/ITU-ICT-technical-information-sheets-for-the-SDG-indicators-Sept2015.pdf</a>
Disaggregate mobile phone ownership by gender	5.b.1	

Additional questions on sanitation, hand-washing and waste water	6.2.1, 6.3.1	<a href="https://unstats.un.org/sdgs/metadata/files/Metadata-06-02-01.pdf">https://unstats.un.org/sdgs/metadata/files/Metadata-06-02-01.pdf</a> <a href="https://washdata.org/monitoring/sanitation">https://washdata.org/monitoring/sanitation</a> See 6 <sup>th</sup> round of MICS questions
More detailed employment questions, including definition of informal activities and hours of employment	8.2.1, 8.3.1, 8.5.1, 8.9.2, 9.2.2, 9.5.2, 2.3.1	Also permit measurement of tourism jobs, manufacturing jobs, researchers Will enable calculation of volume of production per labour unit
Ask about use of other financial services beyond bank accounts, eg. Mobile money transfers	8.10.2	
Additional questions on housing to be included to meet definition of slums, informal and inadequate housing	11.1.1	<a href="https://unstats.un.org/sdgs/metadata/files/Metadata-11-01-01.pdf">https://unstats.un.org/sdgs/metadata/files/Metadata-11-01-01.pdf</a>
Ask if feel safe walking alone in area they live	16.1.4	
Recording victims of violence and whether reported to authorities		
Clarify question of bribes relates to public officials	16.5.1	
Volume of remittances received	17.3.2	
Availability of broadband internet connections by speed	17.6.2	
Identify small-scale food producers	2.3.2	Requires a definition of small-scale
Access to affordable medicines and vaccines	3.b.1	Broader questions on vaccines and medicine access required

**Specific Policy Activities for other Agencies directly measured in the SDGs**

<b>Activity</b>	<b>MDA</b>	<b>Indicator</b>
Incorporate global citizenship and sustainable development into policies, curriculum, teacher training	State/National Ministry of Education	4.7.1, 12.8.1, 13.3.1
Check Gender Equality Bill meets standards and pass it	State House of Assembly	5.1.1
Local Governments to implement Sendai Framework for Disaster Risk Reduction	Ministry of Local Government, LGAs, SEMA	11.b.1
Develop Sustainable Tourism Strategy	Ministry of Commerce, Industry and Tourism	12.b.1
Climate Change Adaptation Plan	Ministry of Environment	13.2.1, 13.3.2
Pass Freedom of Information Act	State House of Assembly	16.10.2
Create independent human rights institution? (Or is national level 'enough')	State Government	16.a.1
Use of State Development Plan as results framework for IDPs	IDPs	17.15.1
Improve State Statistical Law to meet Fundamental Principles of Statistics. Currently lack of clear provision on principles 4, 5, 9 and 10.	State House of Assembly	17.18.2

### **Outstanding**

No international/clear definition - 6.4.1, 10.5.1, 11.3.1

Measures/tools not available at local level - 8.4.1, 8.4.2, 9.4.1, 12.2.1, 12.2.2, 16.4.1 , 17.4.1