

Injury in Nigeria: Architecture of data sources

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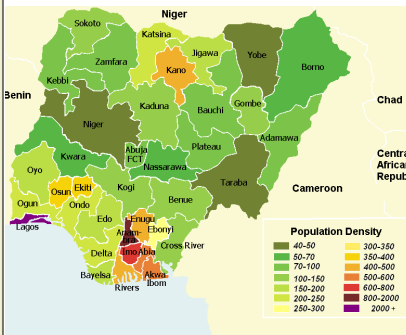
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Country Background

- Population:**
 - 151 million (52% Urban)
 - most populous country in Africa
 - Age structure: 0-14: 41%, 15-64:56%, 65+:3%
 - Life expectancy at birth: 47 years
- Cities:** Largest city: Lagos; Capital: Abuja
- Economy:** Largest exporter of oil in Africa, one of the fastest growing economies in the world.



Mortality Data Sources

2008 DEMOGRAPHIC & HEALTH SURVEY
Conducted by: National Population Commission with technical assistance from ICF Macro.
Instrument

Sibling Mortality Section

SECTION 12. MATERNAL AND ADULT MORTALITY

1201 How would you like to see your questions about your children and others, look at all of the children born to your mother, including those who are living with you, those living elsewhere and those who have died.

How many children did your mother give birth to, including you?

1213 Has (NAME) ever died due to an accident?

YES	1	YES	1	YES	1	YES	1	YES	1
NO	2	NO	2	NO	2	NO	2	NO	2

Notes: Results will provide fraction of national all-cause deaths that are due to injuries.

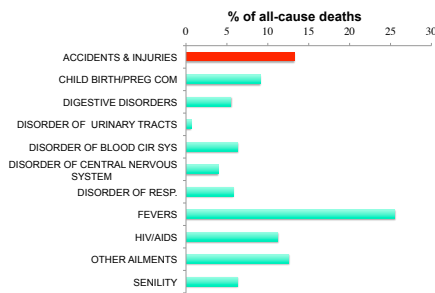
MORTUARY DATA

University College Hospital – Ibadan
Location: Ibadan city
Duration: 2007-2009
 Retrospective data gathering



NATIONAL DEATH REGISTRATION DATA

Collated by: National Population Commission
Duration: 1994-2007
Completeness: expected to be low and severely biased (70% of registered deaths are urban, 67% are male)



- Note: fraction of injury deaths may be too high due to biased data source

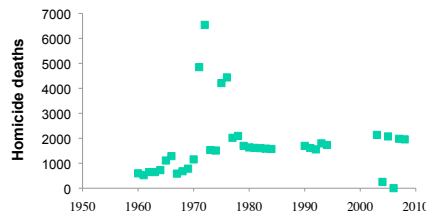
POLICE AND CRIME DATA

Road Injury Data
 • Collected by: Federal Road Safety Commission

Year	Road Deaths	Death Rate (per 100 000)
2007	4673	3.09
2008	6661	4.41
2009	5693	3.77

Homicides

• Sources: collated from UNODC, Interpol, & others
 • In 2008: 1956 homicides (1.3 deaths per 100 000)



Non-fatal Injury Sources

HOUSEHOLD SURVEY

Nigeria Living Standards Survey

• Collected by: Federal Office of Statistics - Abuja
 • Population covered: National
 • Year: 2003
 • Instrument :

SECTION 3: HEALTH
 HEALTH CONDITIONS IN THE LAST TWO WEEKS

301 Did you have any of the following health conditions in the last two weeks?

Headache	Yes/No
Stomach ache	Yes/No
Diarrhoea	Yes/No
Constipation	Yes/No
Backache	Yes/No
Joint pain	Yes/No
Arthritis	Yes/No
High blood pressure	Yes/No
Diabetes	Yes/No
Heart disease	Yes/No
Stroke	Yes/No
Paralysis	Yes/No
Blindness	Yes/No
Deafness	Yes/No
Other	Yes/No

Core Welfare Indicators Questionnaire (CWIQ)

• Collected by: Federal Office of Statistics – Abuja
 • Population covered: National
 • Year: 2002/2006
 • Instrument : similar to CWIQ (above)

NATIONAL GENERAL HOUSEHOLD SURVEY

• Collected by: Federal Office of Statistics - Abuja
 • Population covered: National
 • Year: 2003
 • Instrument:

PART 1: HEALTH (GENERAL FINDINGS IN THE HOUSEHOLDS)

1. How many people aged 15 and over in the household?

2. What sort of sickness/injury did (NAME) suffer in the last 2 weeks?

3. How many days of work or school did (NAME) miss because of the sickness/injury in the last 2 weeks?

4. How many days of work or school did (NAME) miss because of any other reason in the last 2 weeks?

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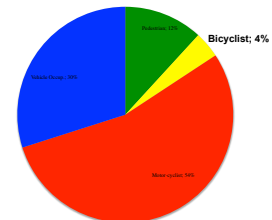
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NATIONAL ROAD TRAFFIC INJURY SURVEY

• Year: 2006
 • Population Covered:
 • Seven states (including one from each of the six geographical regions)
 • Sample Size: 553 Households (3082 respondents)
 • Conducted by: Labinjo et al. and National Bureau of Statistics
 • Results:
 • All-cause non-fatal inj: 11.3% [95%CI: 10.1-12.5]
 • RTI non-fatal inj: 4.1% [95%CI: 3.4-4.9]
 • RTI mortality: 160 per 100,000 [95%CI: 50-380]

Road User Type Distribution



HOSPITAL DATA SETS

Ilorin Trauma Registry
Location: Ilorin
Main contact: Dr Babatunde Solagberu, Lagos State University of Medicine

International Centre for Advanced Trauma Care and Development (ICATCD) Trauma Registry
Location: Port Hartcourt (and others)
Main contact: Dr Sydney Ibeanusi

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