

Injury in Nigeria: Architecture of data sources

Uwom Eze,¹ Jerry Abraham,² Kavi Bhalla,² Stalin Ewoigbokhan,³ and Sydney Ibeanusi⁴



¹University College Hospital-Ibadan

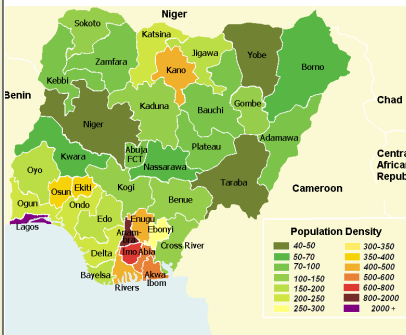
²Harvard School of Public Health

³Public Health Consultant, Abuja

⁴University of Port Hartcourt Teaching Hospital

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

QUESTIONS AND FILTERS

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?

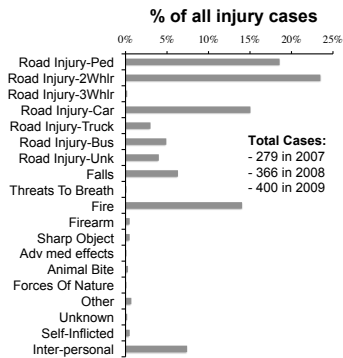
1213 Has (NAME) ever died due to an accident?

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

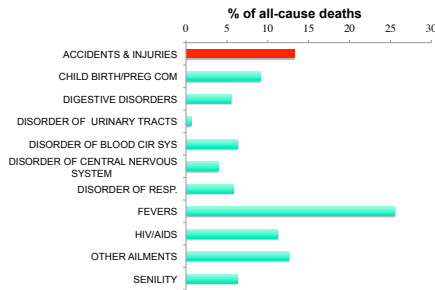
MORTUARY DATA

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

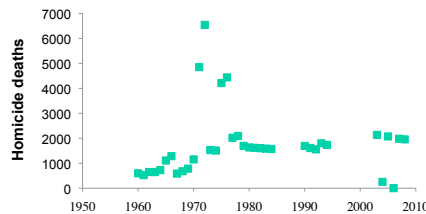
POLICE AND CRIME DATA

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

ALL INDIVIDUAL MEMBERS

QUESTIONS AND FILTERS

3011 How many times in the last 12 months have you been injured or hurt in any way?

3012 How many times in the last 12 months have you been injured or hurt in any way?

3013 How many times in the last 12 months have you been injured or hurt in any way?

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)

QUESTIONS AND FILTERS

1011 How many people in the household are aged 15 years and over?

1012 How many people in the household are aged 15 years and over?

1013 How many people in the household are aged 15 years and over?

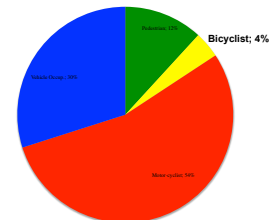
1014 How many people in the household are aged 15 years and over?

1015 How many people in the household are aged 15 years and over?

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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