



Maji Ndogo Water

National water survey results

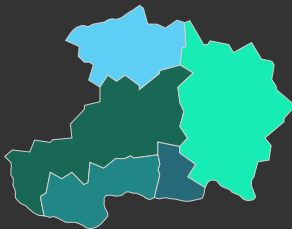
Akatsi

Amanzi

Hawassa

Kilimani

Sokoto



%Pop access
to basic water

34%

Total Budget

\$147M

Population

28M

Overview

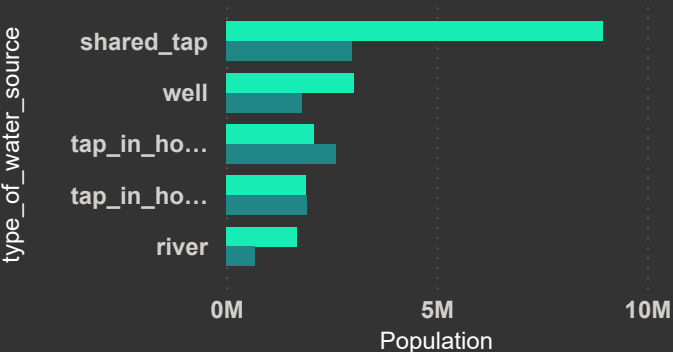
Crimes

Queue Time

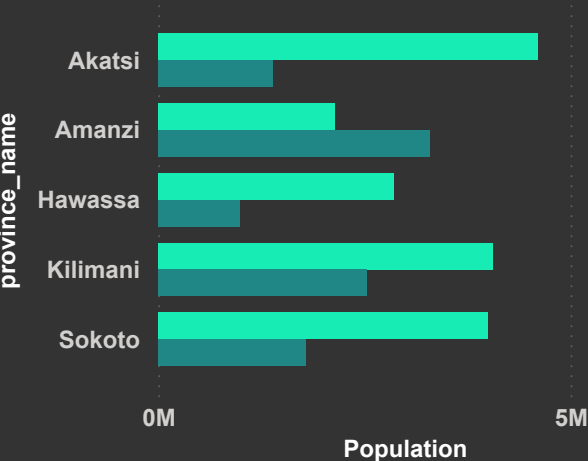
Infrastructure Cost

Population per Water Source

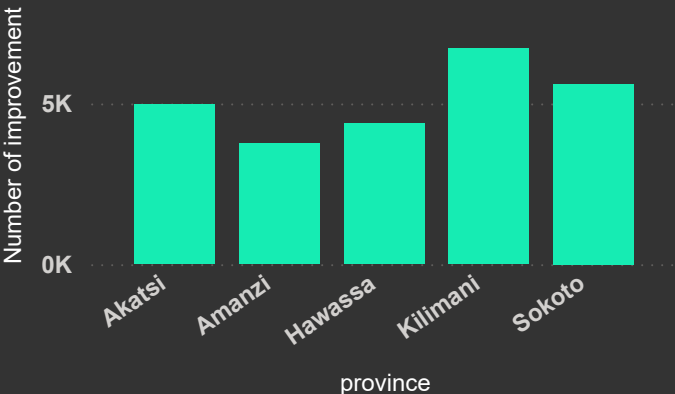
location_type ● Rural ● Urban



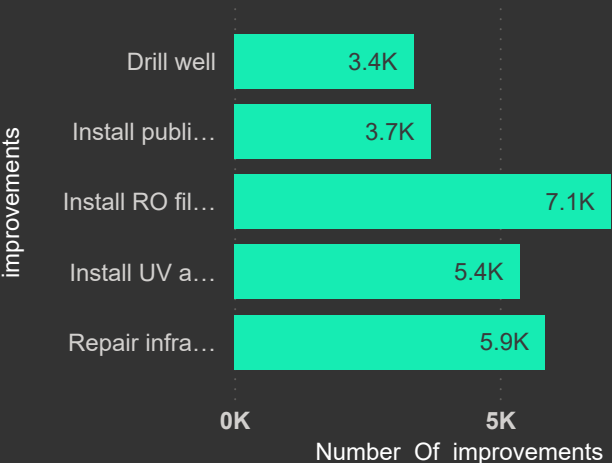
Population per Province



Number of improvement Per province



Number Of Improvements



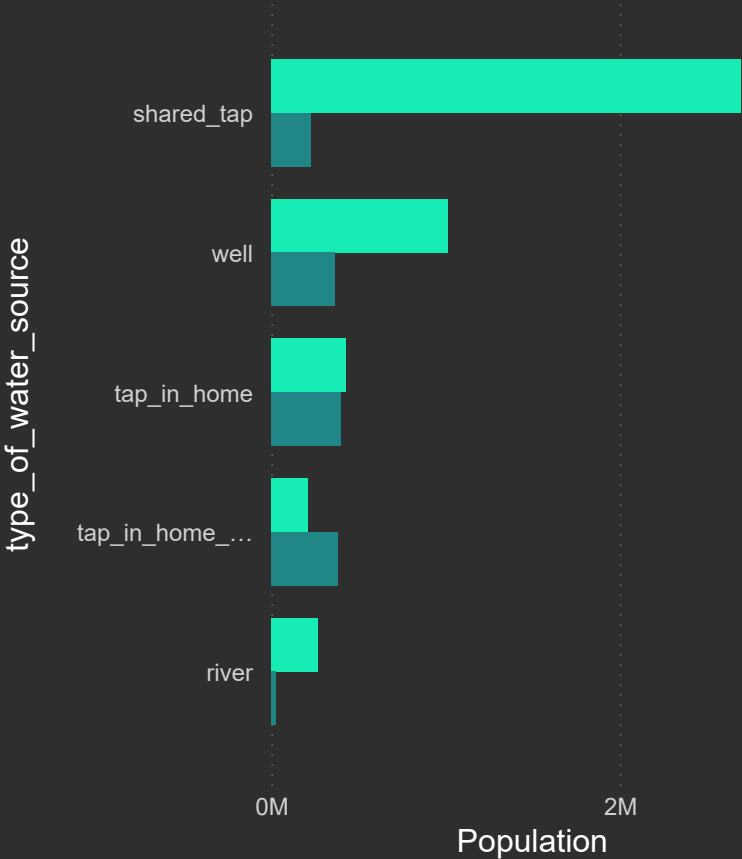
province	Population	Qty	budget
Sokoto	4001192	5603	\$40,151,475
Kilimani	4717646	6700	\$39,249,225
Akatsi	3753366	4963	\$31,355,075
Hawassa	2690982	4384	\$22,553,325
Amanzi	3196068	3748	\$13,428,275
	9268886		
Total	27628140	25398	\$146,737,375

improvement	Qty	budget
Install RO filter	7093	\$39,965,100
Drill well	3379	\$38,862,000
Install UV and RO filter	5374	\$22,332,800
Install 8 taps nearby	760	\$16,504,000
Install 7 taps nearby	360	\$6,895,000
Install 6 taps nearby	282	\$4,626,000
Install 5 taps nearby	308	\$4,220,000
Install 4 taps nearby	342	\$3,760,000
Install 1 taps nearby	1037	\$2,862,000
Diagnose local infrastructure	5856	\$2,554,475
Install 3 taps nearby	300	\$2,502,000
Install 2 taps nearby	307	\$1,654,000
Total	25398	\$146,737,375

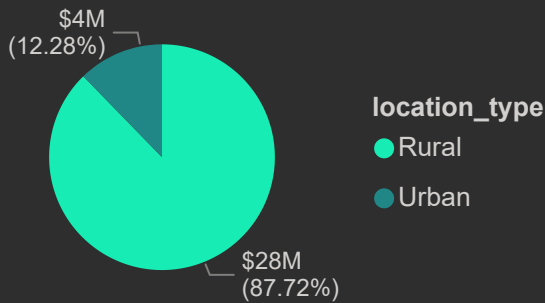


province report

location_type Rural Urban



Total budget by location_type



town_name	Qty	Budget	Population
Rural	3545	\$27,504,825	4602096
Lusaka	575	\$1,540,250	568068
Harare	422	\$1,121,200	419920
Kintampo	421	\$1,188,800	403222
Total	4963	\$31,355,075	5993306

Aggregated_improvements	Qty	budget
Drill well	411	\$5,070,250
Install public tap(s)*	883	\$10,916,000
Install RO filter	2056	\$12,173,700
Install UV and RO filter	703	\$2,820,800
Repair infrastructure	910	\$374,325
Total	4963	\$31,355,075

\$31M
Total budget



Maji Ndogo Report

Unveiling gender trails in Maji Ndogo

Overview

Crimes

Queue Time

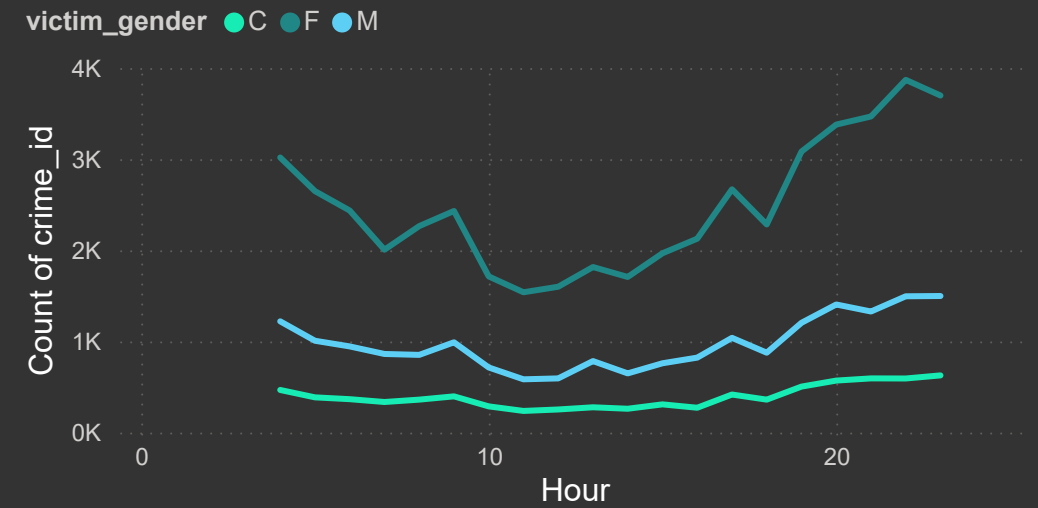
Infrastructure Cost

69% of water collectors are women

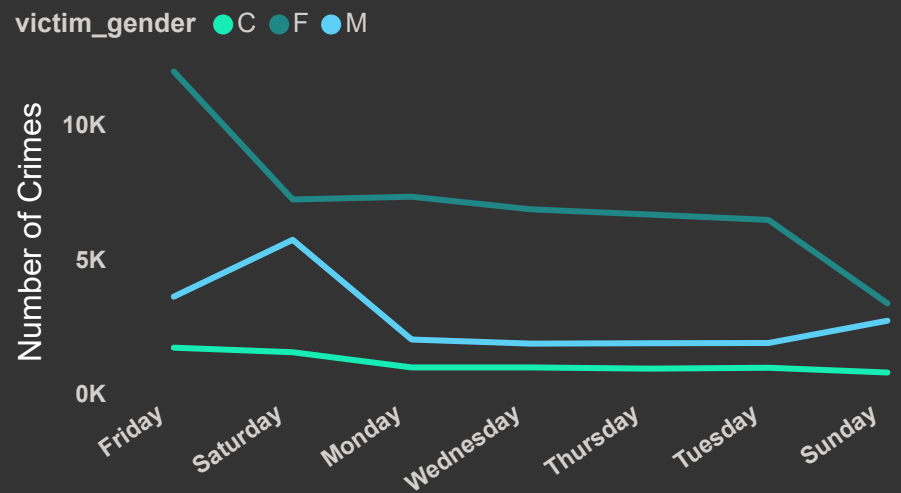
64% of crime victims in water collection related crimes are women

Most of water related crimes against **women** occur on **Friday** and **Saturday**, and at **22:00** at night

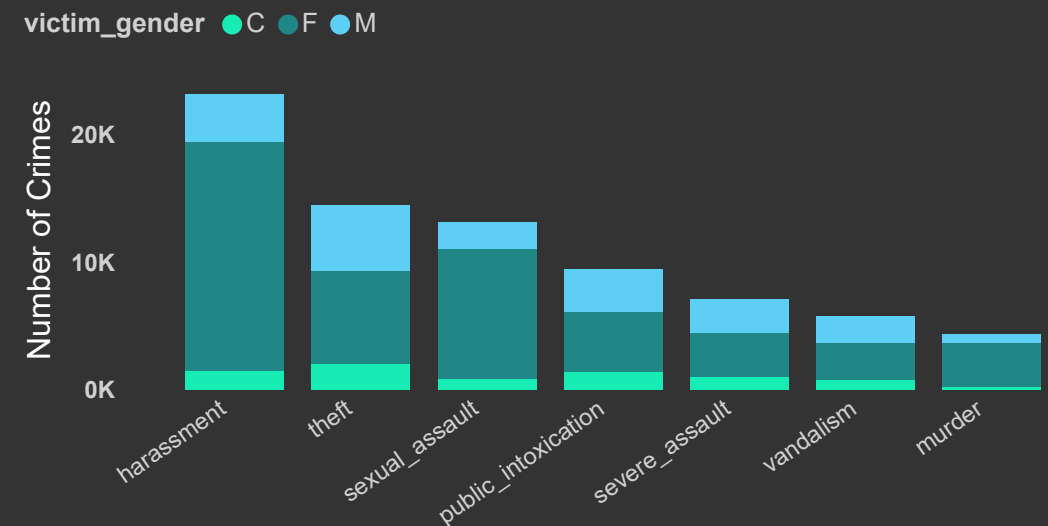
Count of crime_id by Hour and victim_gender



Number of Crimes Per Day



Number of Crimes





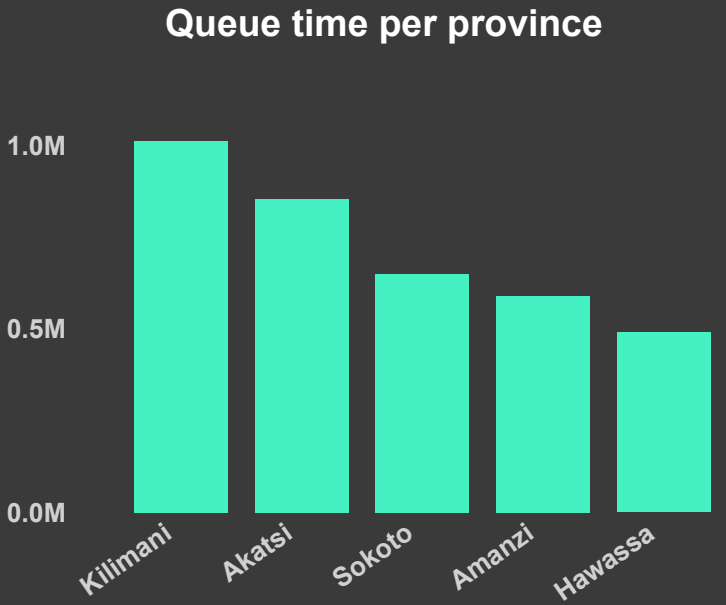
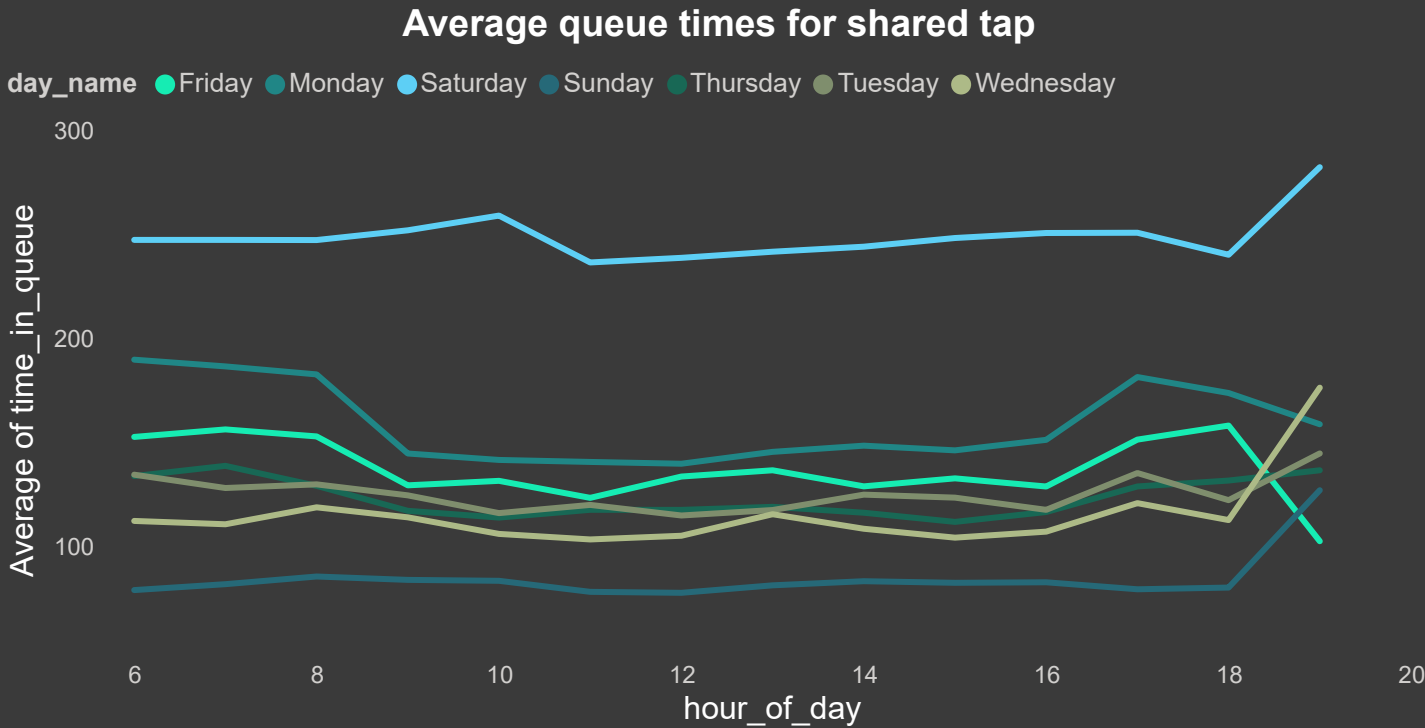
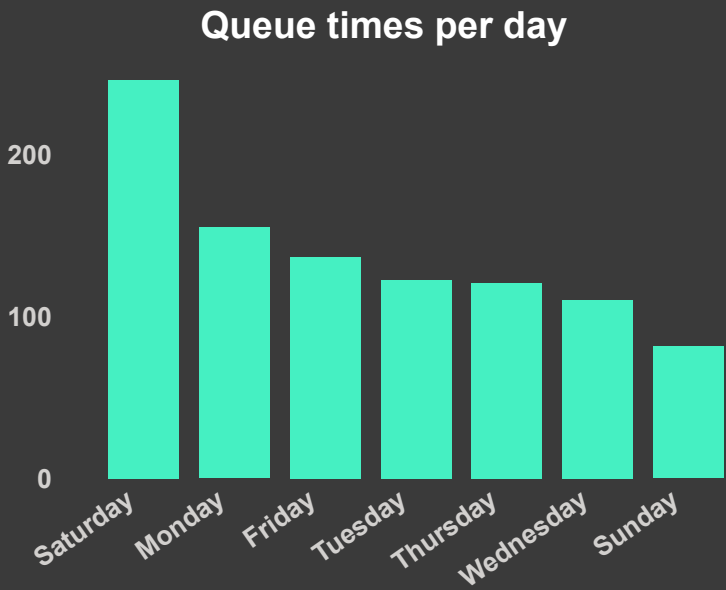
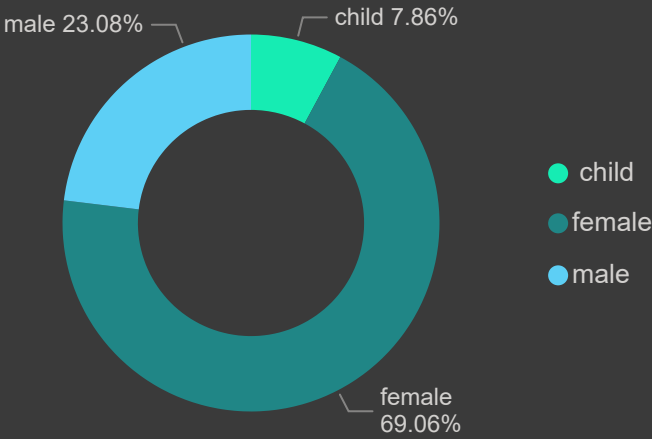
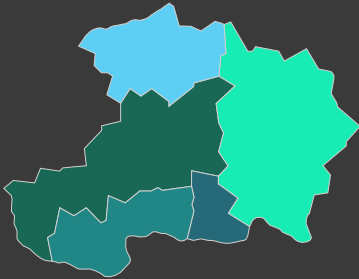
66% of queue line for water access across all provinces are females

Overview

Crimes

Queue Time

Infrastructure Cost



- improvement
- (Blank)
- Diagnose local infrast...
- Drill well
- Install 1 taps nearby

Overview

Crimes

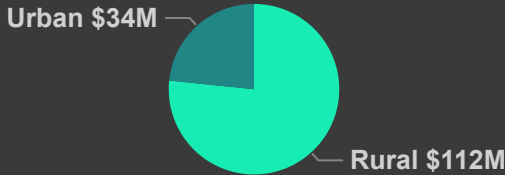
Queue Time

infrastructur
e Cost

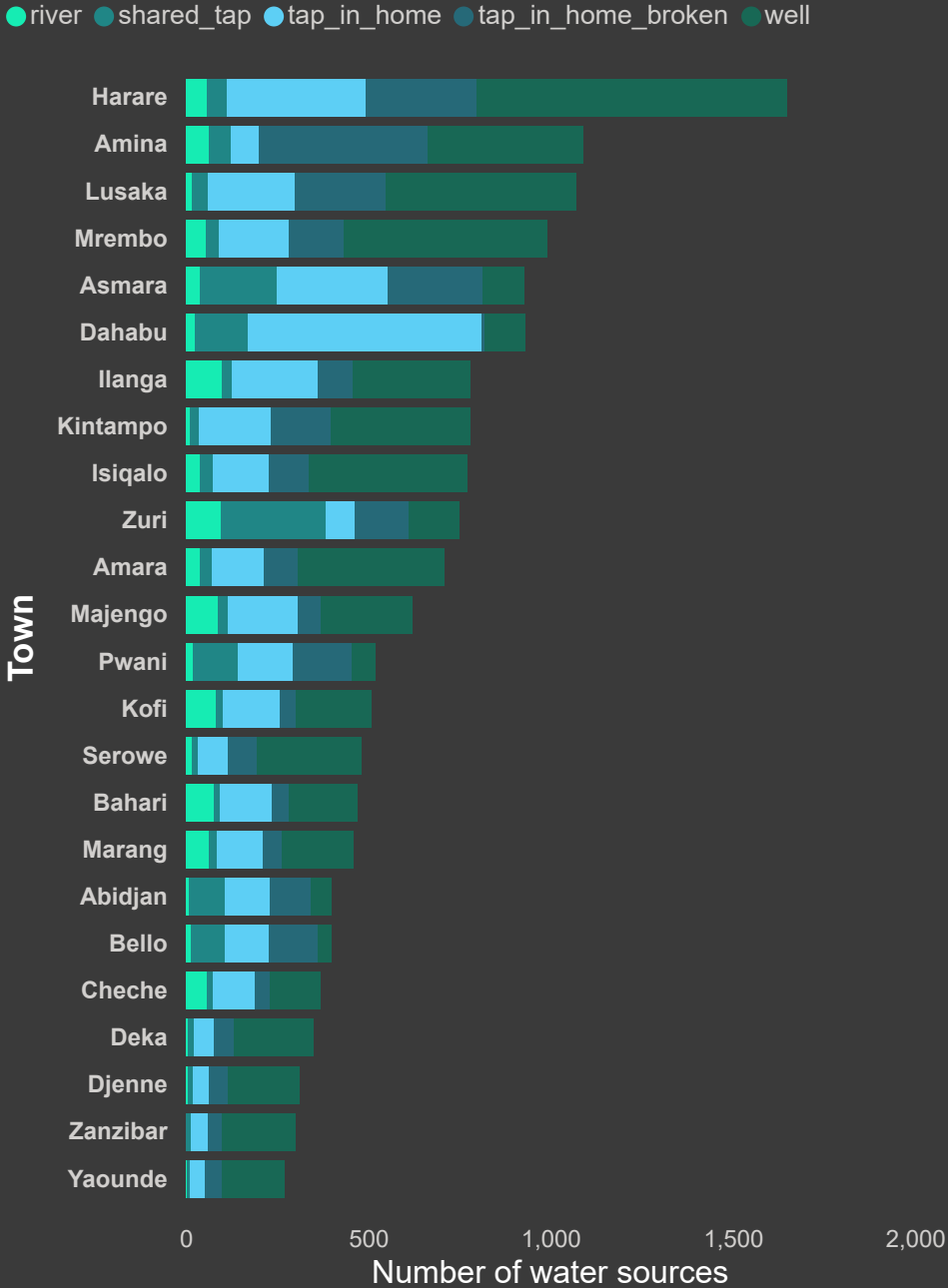
Total Budget

\$147M

Total Budget Per Location

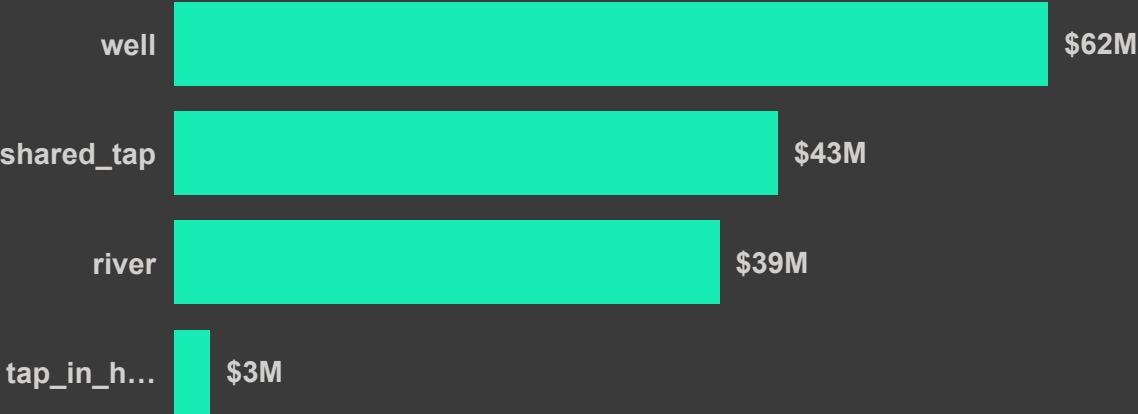


Number of water sources per town



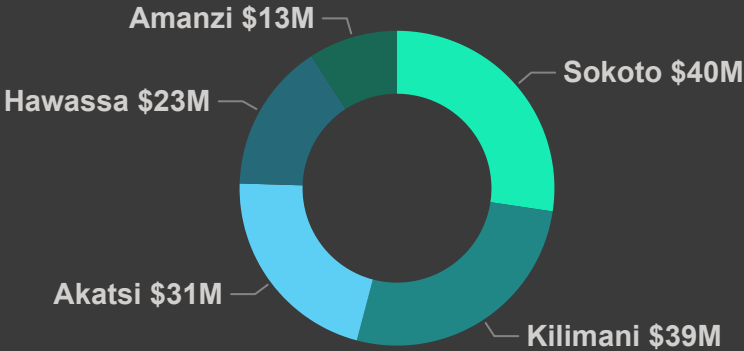
Total Budget per water Source

source_type



Total Budget

Total Budget Per Province



well pollution

