**Data and queries to be displayed**

* Tabular format with filter option
* Option of dynamic queries
* A process to update number of HH in reports, ppts etc. with respect to change in RHS
* Reducing transparency of wards and increasing their boundary
* Highlighting slums – assigning different colour code for slums with various levels of detailed survey. Ex. A different colour for slums up to RHS and different for RA
* Discuss about Google street view – if we could show that view on SA website

***I. Rapid Appraisal***

General pop up of slums when a cursor moves will show the

**Across Slum**

A. General info

All information is covered in RA FS

B. Toilet info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | No of ctbs with cleanliness and od spots | 1 | Total seats |
|  |  | 2 | Seats in use |
|  |  | 3 | Seats for M and F |
|  |  | 4 | Mixed seats |
|  |  | 5 | Ctb maintenance provided by |
|  |  | 6 | Ctb availability at night |
|  |  | 7 | Duration of water (availability) of water in ctb |
|  |  | 8 | Availability of electricity after dark |
| 2 | % of individual |  | Caretaker |
|  |  |  | cleanliness |
|  |  |  |  |

C. Water info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | % of individual water (hand pump, standpost) | 1 | Alternative source of water |
| 2 | Availability of water | 2 |  |
|  |  | 3 |  |

D. Waste info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Location of garbage bins and or / open dumping sites | 1 |  |
|  |  | 2 |  |

E. Drainage info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Existing and proposed drainage line query | 1 |  |
|  |  | 2 |  |

F. Road info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Type of roads | 1 | Width of internal and arterial roads |
|  |  | 2 |  |

G. Gutter info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Presence of open gutter | 1 |  |
|  |  | 2 |  |

**Across ward**

A. General info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Legal status | 1 | Dp reservation type |
| 2 | Land ownership | 2 | Area |
| 3 | Location | 3 | No of huts |
| 4 | Topography | 4 | Population |
|  |  |  |  |

B. Toilet block info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | % of individual toilet | 1 | Total ctb |
|  |  | 2 | CTB in use |
|  |  | 3 | CTB not in use |
|  |  | 4 | Total seats |
|  |  | 5 | Seats in use |
|  |  | 6 | Seats for M and F |
|  |  | 7 | Mixed seats |
|  |  | 8 | Ctb maintenance provided by |
|  |  | 9 | Frequency of cleaning |
|  |  | 10 | Ctb availability at night |
|  |  | 11 | Duration of water (availability) of water in ctb |
|  |  | 12 | Availability of electricity after dark |
|  |  | 13 | Facility of children after dark |
|  |  | 14 | Sewage disposal system |

C. Water info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | % of individual water | 1 | Alternative source of water |
| 2 | Availability of water | 2 |  |
| 3 |  | 3 |  |

D. Waste info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Facility of waste collection | 1 | No of garbage bins |
| 2 | Frequency of waste collection | 2 | Frequency of garbage bin clearance |
| 3 | Coverage of waste collection | 3 |  |
|  |  | 4 |  |

E. Drainage info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Presence of drainage | 1 | Gradient |
| 2 | Coverage of drainage | 2 | blocking |
|  |  |  |  |

F. Road info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Type of roads | 1 | Coverage of pucca roads |
|  |  | 2 |  |

G. Gutter info

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Query (and/or table) | Sr. No | Table |
| 1 | Presence of open gutter | 1 | Choking |
|  |  | 2 | Flood |
|  |  | 3 | Gradient |

**Additional query of vulnerability for ward, zone and city**

***II. Rapid Household Survey***

1. Structure type
2. House area
3. House ownership
4. Toilet status
5. Individual water connection
6. Waste collection facility
7. Type of toilet preference

***III. Socioeconomic***

A. JPG queries

1. House occupancy
2. Family religion
3. Family caste
4. Family BPL card
5. Family ration card
6. Family voter id card
7. Family UID card
8. House structure type
9. Status of defecation before intervention
10. Status of defecation after intervention
11. Drainage line status
12. Source of drinking water
13. Hut electricity type
14. House ownership type
15. Families average monthly income
16. Families average monthly habitual expense
17. Families average monthly health expense

B. Pie charts/bars/table

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Table | Pie chart | Bar diagram |
| 1 | House occupancy | ✓ | ✓(stat bar) |
| 2 | Population related details (age, gender distribution) |  |  |
| 3 | Age group wise sex ratio related details | ✓ |  |
| 4 | Migration related details | ✓ 1. no of years in slum  2. no of years in city |  |
| 5 | Area of migration | ✓ |  |
| 6 | Reasons of migration | ✓ |  |
| 7 | Religion | ✓ |  |
| 8 | Caste | ✓ |  |
| 9 | Minority and non minority status | ✓ |  |
| 10 | BPL card | ✓ |  |
| 11 | Ration card | ✓ |  |
| 12 | Ration card colour | ✓ |  |
| 13 | Voter ID card | ✓ |  |
| 14 | UID card | ✓ |  |
| 15 | Welfare access | ✓ |  |
| 16 | Female headed HH | ✓ |  |
| 17 | Educational level of slum dwellers | ✓ |  |
| 18 | Gender and education |  | ✓ |
| 19 | Employment patterns | ✓ |  |
| 20 | Gender and employment |  | ✓ |
| 21 | Occupation related details | ✓ |  |
| 22 | Monthly HH income details | ✓ |  |
| 23 | Monthly HH expenditure details | ✓ |  |
| 24 | Individual monthly earnings | ✓ |  |
| 25 | Habitual monthly expenses | ✓ |  |
| 26 | Consumer durable |  | ✓ |
| 27 | House structure type | ✓ |  |
| 28 | Status of defecation | ✓ |  |
| 29 | Ownership status | ✓ |  |
| 30 | Facility f waste collection | ✓ |  |
| 31 | Frequency of waste collection | ✓ |  |
| 32 | Waste segregation | ✓ |  |
| 33 | Waste disposal quantity | ✓ |  |
| 34 | Source of drinking water | ✓ |  |
| 35 | Provision of electricity | ✓ |  |
| 36 | Type of health services | ✓ |  |
| 37 | Expenses incurred on health | ✓ |  |
| 6 |  | ✓ |  |

***IV. GIS queries***

1. HH level – RHS
2. Across slum – RA
3. Across ward – RA ward level
4. Across zone – RA zone level (If applicable)
5. Across city – RA city level
6. Across multiple states

***V. Reports automation***

1. SE report
2. Factsheets – RA and family factsheet
3. Presentations
4. Impact assessment report
5. Slum reports
6. Ward report
7. City report
8. Graphs and tables for ward, zone and city level analysis – costing, toilet block

**USERS**

Marking the slum boundary – Google Earth

Masters – wards, electoral wards, ward officer

Kobo toolbox

Aggregate data at ward and electoral ward level – how many house numbers etc