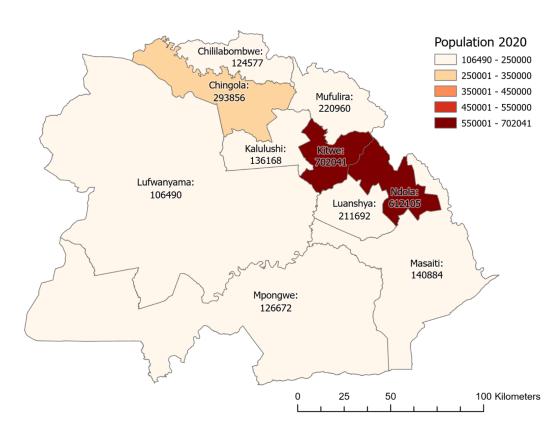


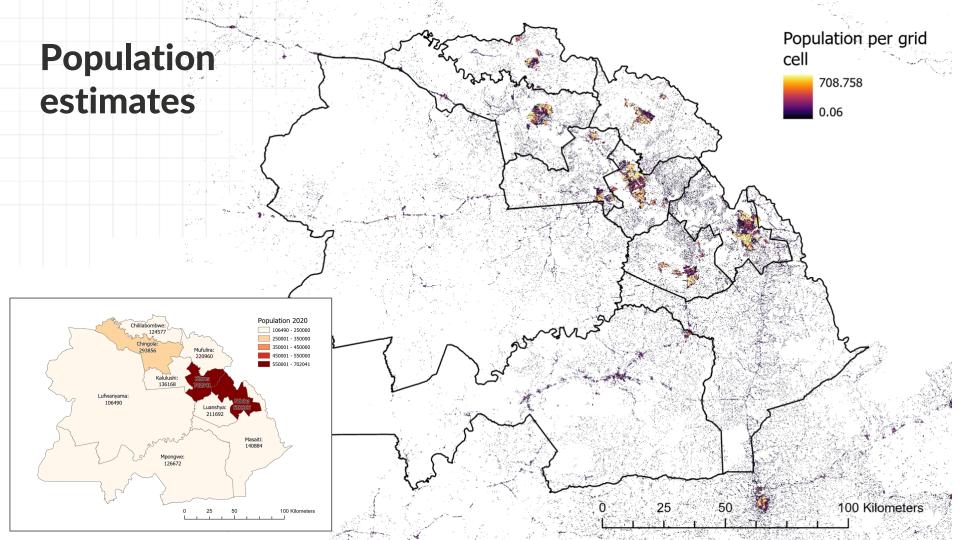
Population estimates

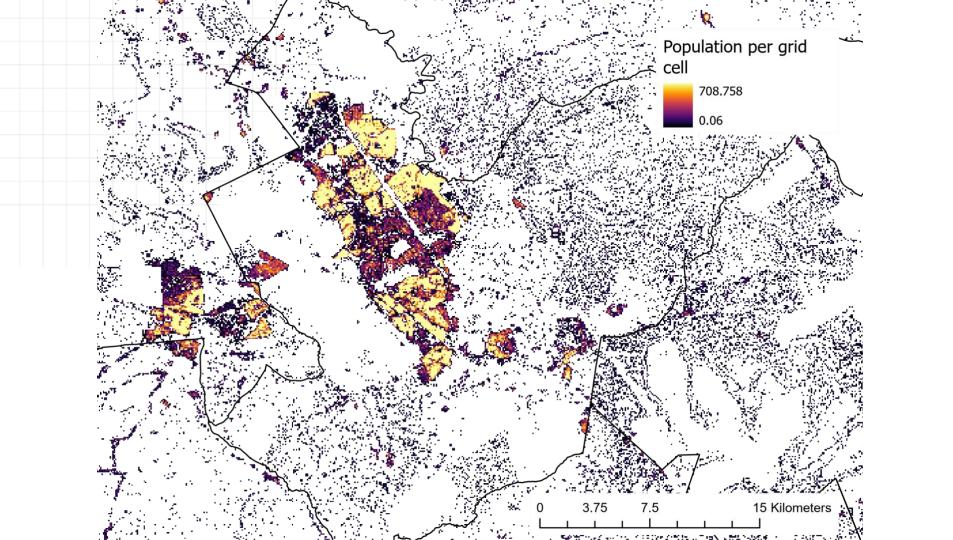
District	Province	Total
Chililabombwe	Copperbelt	124577
Chingola	Copperbelt	293856
Kalulushi	Copperbelt	136168
Kitwe	Copperbelt	702041
Luanshya	Copperbelt	211692
Lufwanyama	Copperbelt	106490
Masaiti	Copperbelt	140884
Mpongwe	Copperbelt	126672
Mufulira	Copperbelt	220960
Ndola	Copperbelt	612105

Population estimates

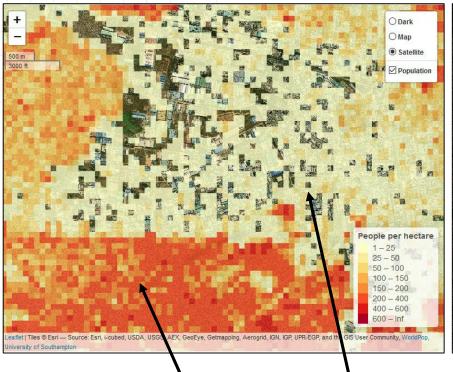
Province	Total
Copperbelt	124577
Copperbelt	293856
Copperbelt	136168
Copperbelt	702041
Copperbelt	211692
Copperbelt	106490
Copperbelt	140884
Copperbelt	126672
Copperbelt	220960
Copperbelt	612105
	Copperbelt







What are gridded population estimates?

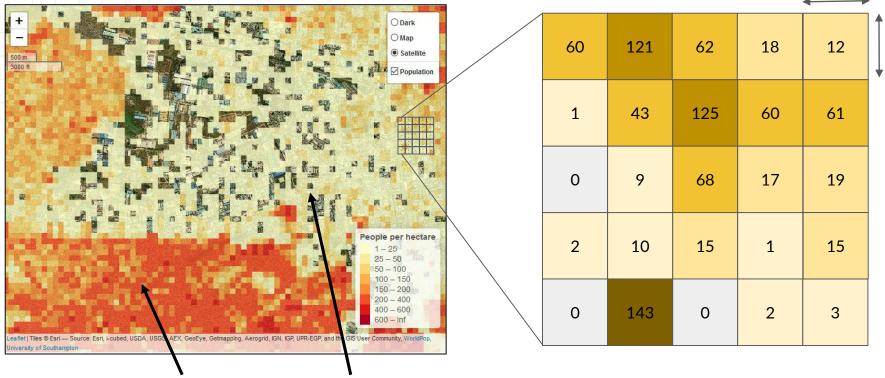






What are gridded population estimates?

Approx. 100m





High pop. count

Low pop. count

What are the advantages of gridded population data?

- Flexibility in terms of spatial aggregation population estimates can be calculated for different geographic units at a range of scales:
 - EAs, Wards, Constituencies, Districts

197 454 395 236 400 264 92 113 212 51 191 26 45

Health catchments

8 62 51 3 8 2 11 3 30 122 82 70 66 125 218 441 71 156

44 76 32 19 3 9 13 13 41 54 44 225 372 366 153 27 53 14 27

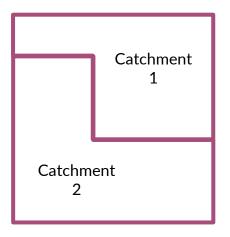
- O Within a specified distance of a feature e.g. 5km from health facility
- Integration with other gridded datasets



Settlement extents

Calculating aggregated population estimates (total per catchment area)

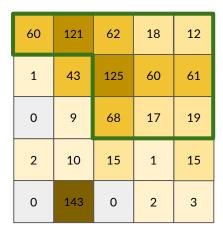
60	121	62	18	12
1	43	125	60	61
0	9	68	17	19
2	10	15	1	15
0	143	0	2	3



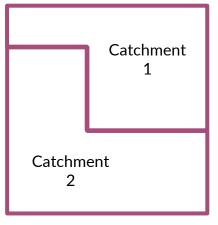
Gridded population estimates (raster)

Catchment boundaries (vector)

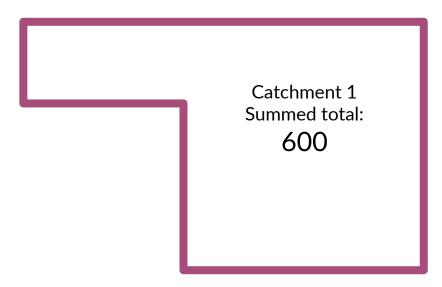
Calculating aggregated population estimates



Gridded population estimates (raster)



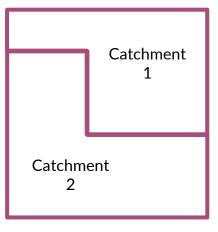
Catchment boundaries (vector)



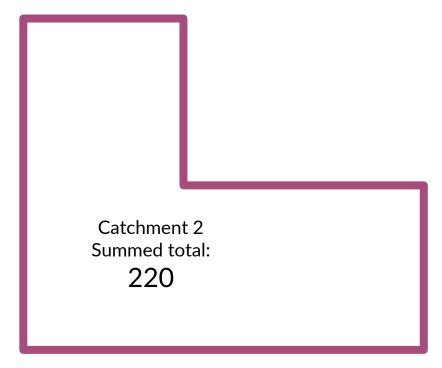
Calculating aggregated population estimates

60	121	62	18	12
1	43	125	60	61
0	9	68	17	19
2	10	15	1	15
0	143	0	2	3

Gridded population estimates (raster)



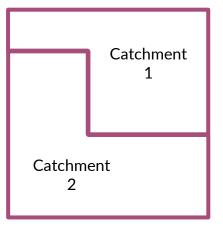
Catchment boundaries (vector)



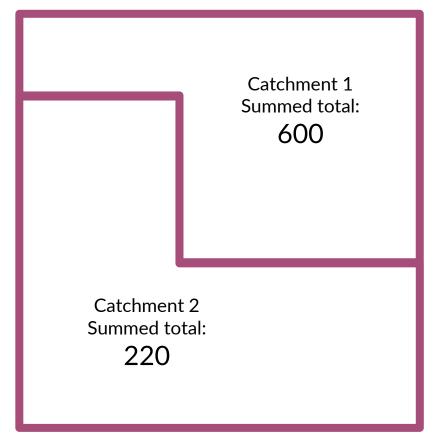
Calculating aggregated population estimates

60	121	62	18	12
1	43	125	60	61
0	9	68	17	19
2	10	15	1	15
0	143	0	2	3

Gridded population estimates (raster)

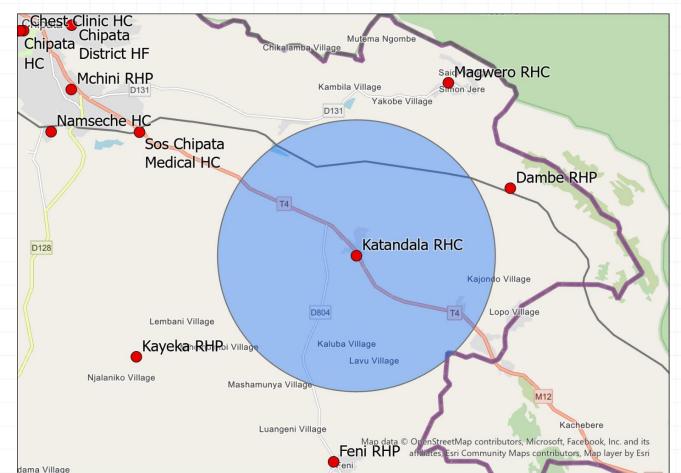


Catchment boundaries (vector)





Flexibility in aggregation of population estimates



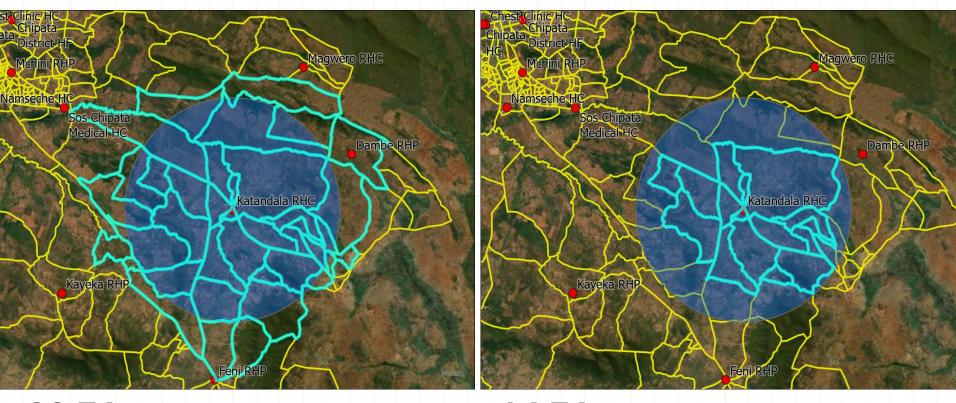


39 EAs



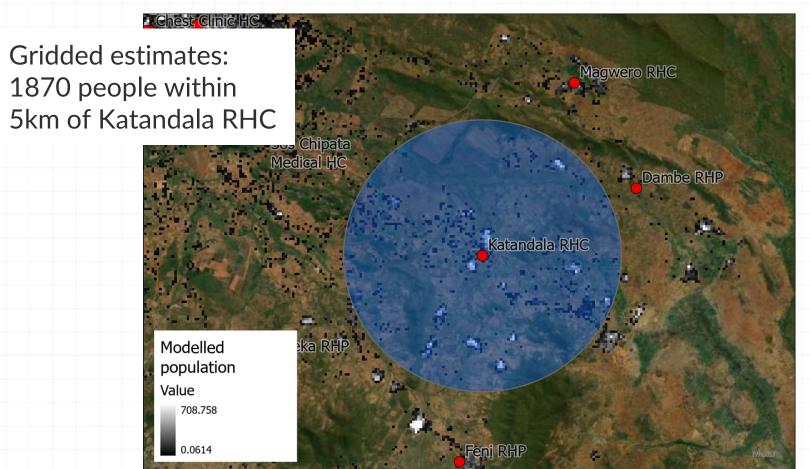
16 EAs

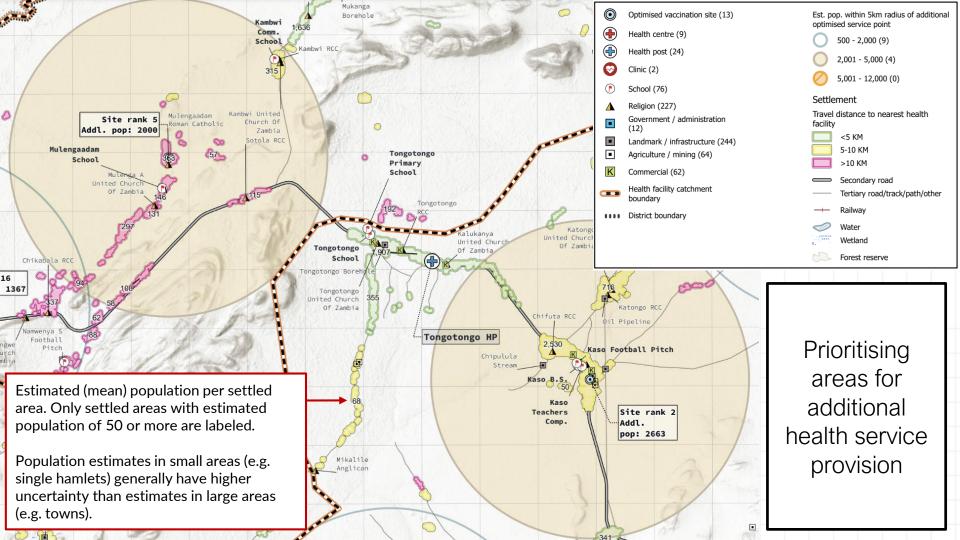




39 EAs

16 EAs





Questions?