



Guide for the Use of Indicator and Data Element Reference Tables

The following tables have been printed to support users in the definition of indicators and data elements. They should be used in conjunction with the tables in Part B: Developing Plans and Part C: Preparing Annual Reports.

It is intended that:

1. The user identifies an indicator or data element in a table in Part B or C that requires clarification.
2. The user refers to section **5. Indicators and data elements by table** to confirm the specific indicator or data element they are interested in, to note its ID number, and to confirm whether it is an indicator or data element. The name used in **Indicators and data elements by table** will often be different from that used in Part B or C, as it has been necessary to rename some indicators or data elements to give them more meaningful names.
3. The user should then refer to section **6. Data element definitions** or section **7. Indicator definitions**, to check the definition of the data element or indicator. Use the ID number you noted in section **5. Indicators and data elements by table** to find the definition. If it is a data element you are interested in, you can skip to point (5) now.
4. To see how your indicator is calculated, you can now look at section **8. Indicator specifications** to see which data elements are used to calculate this indicator, what factor or multiplier to apply to this indicator if any, and how these components should be combined to calculate the indicator. If you now need to go and check the definitions of the data elements used to calculate your indicator, then go back to section **6. Data element definitions**.
5. Some of the indicators and data elements have normative or target values, and these are included in section **9. Normative values and targets for indicators**.

Part B. Developing Plans

Table 2. District service platform plan by sub-district

Type	Name	ID	Level	Comments
Data element	CHC	25	Sub-district	
Data element	Clinic	24	Sub-district	
Data element	Usable beds - total	26	Sub-district	District hospitals only
Data element	Visiting point	23	Sub-district	
Indicator	Average population per facility	2	Sub-district	
Indicator	Hospital beds per 1,000 people	5	Sub-district	

Table 5. Planned numbers of staff and expenditures

Type	Name	ID	Level	Comments
Data element	Employed by category - filled	2	District	"Filled posts"
Data element	Establishment by category	1	District	"Funded posts"
Data element	Personnel budget by category	3	District	

Table 7. DHS evolution of expenditure by budget sub-programme in current prices

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW	10	District	
Data element	Expenditure on DHS programme by municipalities	19	District	"Municipal own expenditure"
Data element	Expenditure on DHS programme by sub-programme	18	District	

Table 8. DHS evolution of expenditure by budget sub-programme in constant prices

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW in constant prices	21	District	
Data element	Expenditure on DHS programme by municipalities in constant prices	20	District	"Municipal own expenditure" in constant prices
Data element	Expenditure on DHS programme by sub-programme in constant prices	17	District	

Table 9. DHS evolution of expenditure by budget sub-programme per person in constant prices

Type	Name	ID	Level	Comments
Data element	Expenditure by DPW (including capital) in constant prices per person	186	District	
Data element	Expenditure by municipalities in constant prices per person	185	District	
Data element	Expenditure on DHS programme by sub-programme in constant prices per person	184	District	

Table 10. DHS evolution of recurrent expenditure by sub-district in total and per person

Type	Name	ID	Level	Comments
Indicator	Expenditure on DHS by the provincial DOH per person	187	Sub-district	

Table 11. DHS evolution of expenditure by economic classification

Type	Name	ID	Level	Comments
Data element	Expenditure on DHS programme by standard item	22	District	

Table 12. Transfers to municipalities and NGOs

Type	Name	ID	Level	Comments
Data element	Transfer to municipalities and NGOs	16	District	

Table 13. DHS - facility construction, upgrades and rehabilitation

Type	Name	ID	Level	Comments
Data element	Expenditure on new construction by project	11	District	
Data element	Expenditure on upgrades and rehabilitation by project	12	District	

Table 14. DHS - facility maintenance

Type	Name	ID	Level	Comments
Data element	Expenditure on facility maintenance by programme	13	District	
Indicator	Expenditure on facility maintenance as percentage of health expenditure/budget	27	District	

Table 15. DHS - medical equipment purchase and maintenance

Type	Name	ID	Level	Comments
Data element	Expenditure on medical equipment maintenance	15	District	
Data element	Expenditure on medical equipment purchase by programme	14	District	
Indicator	Expenditure on equipment maintenance as percentage of health expenditure/budget	190	District	

Table 16. District management - examples of key health goals

Type	Name	ID	Level	Comments
Indicator	Infant mortality rate	192	District	
Indicator	Maternal mortality rate	191	District	

Table 17. Staff training

Type	Name	ID	Level	Comments
Data element	Expenditure on staff training by specific area	4	District	

Table 18. Pharmaceuticals and medical supplies plan and budget

Type	Name	ID	Level	Comments
Data element	Daily dose by therapeutic group	5	District	
Data element	Expenditure on drugs by therapeutic group	6	District	

Table 19. Transport operating costs

Type	Name	ID	Level	Comments
Data element	Expenditure on patient transport	9	District	
Data element	Vehicle in patient transport fleet - nominal	8	District	

Table 20. PHC service goals and objectives

Type	Name	ID	Level	Comments
Data element	Condoms distributed	28	Facility	
Data element	Peer educator group	27	Facility	
Data element	VCT Project	29	Sub-district	
Indicator	Percentage of clients receiving home based care	194	Facility	

Table 23. Strategic objectives for HIV, AIDS, STIs and TB control programme

Type	Name	ID	Level	Comments
Indicator	HIV antenatal seroprevalence (number and per 100,000)	195	Facility	
Indicator	Percentage of new smear positive PTB cases cured at first attempt	197	District	
Indicator	Pulmonary TB cases reported (number and per 100,000)	193	District	
Indicator	Syphilis prevalence rate	196	District	

Table 24. Strategic objectives for Integrated Nutrition Programme

Type	Name	ID	Level	Comments
Indicator	Percentage of children under five years iron deficient	200	District	
Indicator	Percentage of children under five years underweight	198	District	
Indicator	Percentage of children under five years Vitamin A deficient	199	District	

Table 25. District hospitals – key objectives

Type	Name	ID	Level	Comments
Indicator	Average length of stay	201	District	
Indicator	Bed utilisation rate (based on usable beds)	202	District	
Indicator	Case fatality rate for surgery separations	204	District	
Indicator	Expenditure per patient day equivalent	203	District	

Part C. Preparing Annual Reports

Table 1. Population distribution and density

Type	Name	ID	Level	Comments
Data element	Population - total	81	Sub-district	
Indicator	Population - annual growth rate	218	Sub-district	

Table 5. District health facilities by sub-district

Type	Name	ID	Level	Comments
Data element	CHC	32	Sub-district	
Data element	Clinic	31	Sub-district	
Data element	Usable beds - total	33	Sub-district	
Data element	Visiting point	30	Sub-district	
Indicator	Hospital beds per 1,000 people	206	Sub-district	
Indicator	Population served per fixed public PHC facility	205	Sub-district	

Table 8. Basic infra-structural services in district facility network by sub-district

Type	Name	ID	Level	Comments
Data element	CHC	67	Sub-district	
Data element	Clinic	66	Sub-district	
Data element	Hospitals - total	68	Sub-district	
Indicator	Percentage of facilities with electricity supply from the grid	209	Sub-district	
Indicator	Percentage of facilities with fixed telephone line	210	Sub-district	
Indicator	Percentage of facilities with piped water supply	211	Sub-district	

Table 9. Physical condition of district facility network

Type	Name	ID	Level	Comments
Data element	CHC	70	Sub-district	
Data element	Clinic	69	Sub-district	
Indicator	Average 1996 NHFA condition grading	212	Sub-district	
Indicator	Average provincial audit grading	213	Sub-district	

Table 12. DHS - Expenditure trends by sub-programme in current prices

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW	36	District	
Data element	Expenditure on DHS programme by municipalities	34	District	
Data element	Expenditure on DHS programme by sub-programme	35	District	

Table 13. DHS - current expenditure by sub-programme in constant prices

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW in constant prices	39	District	
Data element	Expenditure on DHS programme by municipalities in constant prices	37	District	
Data element	Expenditure on DHS programme by sub-programme in constant prices	38	District	

Table 14. DHS - recurrent expenditure by sub-programme per person in constant prices

Type	Name	ID	Level	Comments
Indicator	Expenditure by DPW on recurrent budget in constant prices per person	216	District	
Indicator	Expenditure by municipalities in constant prices per person	215	District	
Indicator	Expenditure on DHS programme by sub-programme in constant prices per person	214	District	

Table 15. DHS - recurrent expenditure per person by sub-programme and by sub-district

Type	Name	ID	Level	Comments
Data element	Expenditure by DPW on recurrent budget	43	Sub-district	
Data element	Expenditure on DHS programme by municipalities	42	Sub-district	
Data element	Expenditure on DHS programme by sub-programme	41	Sub-district	
Indicator	Expenditure by municipalities per person	220	Sub-district	
Indicator	Expenditure on DHS programme by sub-programme per person	219	Sub-district	

Table 17. Provincial DOH expenditure by standard item in current prices

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW	64	District	
Data element	Expenditure on DHS programme by standard item	40	District	

Table 18. Summary of Provincial DOH expenditure by standard item by sub-district

Type	Name	ID	Level	Comments
Data element	Expenditure on capital including DPW	65	Sub-district	
Data element	Expenditure on DHS programme by standard item	44	Sub-district	

Table 19. Transfers to municipalities and NGOs

Type	Name	ID	Level	Comments
Data element	Transfer to municipalities and NGOs	45	District	

Table 24. Performance indicators for district management

Type	Name	ID	Level	Comments
Indicator	Expenditure on DHS (provincial plus local government) per person	223	District	
Indicator	Expenditure on DHS by the provincial DOH per person	222	District	
Indicator	Percentage of health districts/sub-districts with a formal quality improvement plan	226	District	
Indicator	Percentage of health districts/sub-districts with appointed manager	224	District	
Indicator	Percentage of health districts/sub-districts with formal business plan	225	District	

Table 25. Public health personnel in DHS

Type	Name	ID	Level	Comments
Data element	Employed by category - filled	61	District	
Data element	Employed by category - planned	62	District	
Data element	Expenditure on personnel by category	63	District	
Indicator	Average annual cost per staff member	326	District	
Indicator	Employed per 1,000 people - filled posts	229	District	
Indicator	Percentage of total number employed	323	District	
Indicator	Percentage of total personnel budget	325	District	
Indicator	Vacancy rate	324	District	

Table 26. Numbers of personnel by sub-district

Type	Name	ID	Level	Comments
Data element	Employed by category - filled	46	Sub-district	
Indicator	Employed per 1,000 people - filled posts	327	Sub-district	

Table 27. ABC analysis by Therapeutic group

Type	Name	ID	Level	Comments
Data element	Expenditure on drugs by therapeutic group	47	District	

Table 28. ABC analysis by drug

Type	Name	ID	Level	Comments
Data element	Expenditure on drugs by individual drug (ABC)	48	District	

Table 29. Transport costs

Type	Name	ID	Level	Comments
Data element	Expenditure on transport by cost category	58	Facility	
Data element	Transport kilometre - total	56	Facility	
Data element	Vehicle in patient transport fleet - nominal	55	Facility	
Data element	Vehicle in patient transport fleet - operational	54	Facility	
Indicator	Transport costs per kilometre	230	Facility	

Table 32. Performance indicators for the PHC element of DHS

Type	Name	ID	Level	Comments
Indicator	Antenatal HIV seroprevalence rate	320	Sub-district	
Indicator	Expenditure per visit at provincial PHC facilities	234	Sub-district	
Indicator	Measles cases per 100,000 population	246	Sub-district	
Indicator	Percentage of children under one year fully immunised	236	Sub-district	
Indicator	Percentage of fixed public PHC facilities in facility audit condition four or five	237	Sub-district	
Indicator	Percentage of fixed public PHC facilities offering the full package of PHC services	233	Sub-district	
Indicator	Percentage of fixed public PHC facilities with functioning community participation structure	232	Sub-district	
Indicator	Percentage of new smear positive PTB cases cured at first attempt	241	Sub-district	
Indicator	Percentage of patients attending PHC referred to doctor	245	Sub-district	
Indicator	Percentage of public PHC facilities supported by a doctor at least once a week	239	Sub-district	
Indicator	Percentage of public PHC facilities visited at least once per month by a supervisor who produces a written report	238	Sub-district	
Indicator	Percentage of public PHC facilities without vaccines at any time of year	240	Sub-district	
Indicator	PHC nurse daily workload	244	Sub-district	
Indicator	Population served per fixed public PHC facility	231	Sub-district	
Indicator	Professional nurses per 1,000 people	243	Sub-district	
Indicator	Provincial and municipal PHC recurrent expenditure on personnel per person	317	Sub-district	
Indicator	Provincial and municipal PHC recurrent expenditure per person	318	Sub-district	
Indicator	Provincial and municipal PHC recurrent expenditure per visit at public PHC facilities	319	Sub-district	
Indicator	TB cases reported (number and per 100,000)	242	Sub-district	
Indicator	Visits (headcount) at public PHC facilities per person	235	Sub-district	

Table 33. Baseline data on the HIV, AIDS, STIs, TB control programme

Type	Name	ID	Level	Comments
Indicator	HIV antenatal seroprevalence (number and per 100,000)	247	District	
Indicator	PMCT - HIV negative	250	District	
Indicator	PMCT - HIV positive	249	District	
Indicator	PMCT - Nevirapine uptake	252	District	
Indicator	PMCT - tested	251	District	
Indicator	Smear positive PTB caseload - total	321	District	
Indicator	STIs - total cases (number and per 100,000)	253	District	
Indicator	Syphilis cases (number and per 100,000)	254	District	
Indicator	VCT uptake	248	District	

Table 34. Performance indicators for the HIV, AIDS, STIs, TB control programme

Type	Name	ID	Level	Comments
Data element	Expenditure on the HIV/AIDS budget sub-programme	72	Sub-district	
Data element	HIV/AIDS plan formulated with stakeholders	74	Sub-district	
Data element	Staff trained in syndromic management of STIs	75	Sub-district	
Data element	TB/HIV district/sub-district	80	Sub-district	
Data element	Using DOTS to control TB (DTD) by district/sub-district	73	Sub-district	
Indicator	Average HIV seroprevalence rate	271	Sub-district	
Indicator	Average TB specimen turn-around time	267	Sub-district	
Indicator	New smear positive PTB cases as percentage of expected number of cases	266	Sub-district	
Indicator	Percentage of dedicated HIV/AIDS budget spent	270	Sub-district	
Indicator	Percentage of facilities of all types offering syndromic management of STIs	258	Sub-district	
Indicator	Percentage of new smear positive PTB cases cured at first attempt	275	Sub-district	
Indicator	Percentage of new smear positive PTB cases who interrupt treatment	269	Sub-district	
Indicator	Percentage of provincial hospitals and fixed PHC facilities offering VCT	257	Sub-district	
Indicator	Percentage of public PHC facilities where condoms are freely available	256	Sub-district	
Indicator	Percentage of TB cases reported on	263	Sub-district	
Indicator	Percentage of TB cases that are MDR	276	Sub-district	
Indicator	Percentage of TB cases who are being re-treated	268	Sub-district	
Indicator	Percentage of TB cases with a DOT supported	261	Sub-district	
Indicator	PTB smear conversion rate at two months for new cases	273	Sub-district	
Indicator	PTB smear conversion rate at three months for re-treated cases	274	Sub-district	
Indicator	Smear positive PTB cases as percentage of all PTB cases	265	Sub-district	
Indicator	Syphilis prevalence rate	272	Sub-district	

Table 35. Performance indicators for the Integrated Nutrition Programme

Type	Name	ID	Level	Comments
Data element	Business plan submitted and approved by agreed deadline	78	Sub-district	
Data element	Monthly financial report submitted and approved by agreed deadline	79	Sub-district	
Data element	Quarterly progress report submitted according to agreed deadline	71	Sub-district	
Indicator	Percentage of children under five years iodine deficient	293	Sub-district	
Indicator	Percentage of children under five years iron deficient	294	Sub-district	
Indicator	Percentage of children under five years severely underweight	291	Sub-district	
Indicator	Percentage of children under five years stunted	288	Sub-district	
Indicator	Percentage of children under five years underweight	289	Sub-district	
Indicator	Percentage of children under five years Vitamin A deficient	292	Sub-district	
Indicator	Percentage of children under five years wasted	290	Sub-district	
Indicator	Percentage of facilities with maternity beds certified as baby-friendly	283	Sub-district	
Indicator	Percentage of infants at six months exclusively breast fed	295	Sub-district	
Indicator	Percentage of Integrated Nutrition Programme conditional grant spent	285	Sub-district	
Indicator	Percentage of newborn babies given Road to Health Chart	281	Sub-district	
Indicator	Percentage of nutrition posts filled at all levels against nutrition staff establishments	277	Sub-district	
Indicator	Percentage of special allocation for poverty relief spent	286	Sub-district	
Indicator	Percentage of target number of school feeding days that are actual school feeding days	287	Sub-district	
Indicator	Percentage of targeted primary schools that have feeding programmes	282	Sub-district	
Indicator	Percentage of targeted schools where actual servings for school feeding comply with requirements	284	Sub-district	

Table 37. Hospital key performance indicators - all district hospitals

Type	Name	ID	Level	Comments
Data element	Business plan submitted and approved by agreed deadline	77	District	
Indicator	Average length of stay	313	District	
Indicator	Bed utilisation rate (based on usable beds)	314	District	
Indicator	Case fatality rate for surgery separations	316	District	
Indicator	Expenditure on drugs for hospital use as percentage of total hospital expenditure	297	District	
Indicator	Expenditure on hospital maintenance as percentage of total hospital expenditure	298	District	
Indicator	Expenditure on hospital staff as percentage of total hospital expenditure	296	District	
Indicator	Expenditure on hospitals per person	300	District	
Indicator	Expenditure per patient day equivalent	315	District	
Indicator	Maximum permitted value of procurement at discretion of hospital CEO without reference to provincial level	305	District	
Indicator	Patient day equivalents per 1,000 people	307	District	
Indicator	Patient fee income per separation	308	District	
Indicator	Percentage of hospitals in facility audit condition four or five	309	District	
Indicator	Percentage of hospitals with appointed (not acting) CEO in place	302	District	
Indicator	Percentage of hospitals with business plan agreed with provincial health department	303	District	
Indicator	Percentage of hospitals with clinical audit meetings at least once a month	312	District	
Indicator	Percentage of hospitals with current patient satisfaction survey	310	District	
Indicator	Percentage of hospitals with designated official responsible for coordinating quality management	311	District	
Indicator	Percentage of hospitals with operational hospital board	301	District	
Indicator	Percentage of hospitals with up-to-date asset register	304	District	
Indicator	Separations per 1,000 people	306	District	
Indicator	Usable beds per 1,000 people	299	District	