

CODDING MANNUAL AND TECHNICAL NOTES

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NOTES ON DATA COLLECTION

This time there were three modes of data collection was adopted.

- 1) Tab based survey: An android mobile application based on machine learning for selecting sampled households was developed. Application names as “Autosurvey”. Volunteers used this application on their smartphone.
- 2) Rural Village Directory and urban enumeration blocks from 2017 census was used to in some district.

Due to difference in modes of data collection as explained above, two type of data series of identification codes was generated. 1) Identification of households through android mobile application based on machine learning; 2) Identification of households based on 2017Census Rural Directory and Urban Enumeration blocks. These identification codes were then merged together to generate a new series of identification that uniquely identifies each household in data files. Further details on sampling and technical terms are available in methodological section of National Urban and Nation Rural Reports of ASER Pakistan 2019.

Data files are cleaned. Villages in which less than 10 households could be covered due to security, too distant sample points or redundant information are excluded in these data files. These data files have only those children that have completed or on which information of all sections could be possibly collected. Therefore, Results calculated from these final and cleaned data files may not match with those available in Provisional Report of ASER Pakistan 2019 (available online and hard copies). Village database not been compiled for public use due to their technical details.

DATA FILE INFORMATION

File Name: ITAASER2019Child

It has children Level Information. Variables of Children level information starts from capital letter "C". Each rows of the dataset presents one child and these children are identifiable through variable “CID”.

Age (3-16 years) Gender (M/F) Transgender	Educational Status (3 -16 Years)			Current Schooling Status (Age 3-16)					Basic Learning Levels (for 5-16 age group)					Arithmetic Levels (for 5-16 age group)				English (5-16 age group)				General Knowledge															
	Tick (✓)what is applicable			Class / Grade - Current (Example: ECE/ Kachi, PG/KG/Prep, Nursery, 1, 2, 3, ... 9, 10, 11, 12, etc)	Institute Type (Tick what is applicable)			TUITION (Is the child currently taking any PAID Tuition)		Urdu/Sindhi/ Pashto (✓) the highest level ONLY					Math (✓) the highest level ONLY				English Reading (✓) the highest level ONLY																		
	Never enrolled	Dropped out	Currently enrolled		Drop out, and go up to which class (age)	* Dropout reason	Government	Private	Madrasah	NFE/Other	Yes	No	Yes	No	If Yes Fees (Rs.) / month	Beginner/ Nothing	Letters	Words	Sentences	Story	Question 1	Question 2			Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9	Question 10	Question 11	Question 12	Question 13	Question 14	Question 15
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes

File Name: ITAASER2019Household

It has Household Level Information. Variables of household level information starts from capital letter "H". Each rows of the dataset presents one household and these households are identifiable through variable “HHID”. There will be IDs of households from where permission was not granted to assess target population (5-16 years old).

IV) Household Indicators																													
House Owned		Type of House			Electricity Connection (Look for wires fittings)		Solar Panel		Present in the Household						Means of Communication						Vehicle owned by Household (Mention in numbers)								
									Do you use		TV		Computer/ Tablet/ Laptop		Internet Connection		Do you use		Do you use				Do you use						
Yes	No	Kutcha	Semi Pucca	Pucca (brick & cement)	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Motor Bike	Car	

File Name: ITAASER2019Parent

It has Parent's Level Information. Variables of parent level information starts from capital letter "PR". It is possible that there will be more than one mother from a single households of target age group (3-16 years old). It also include those parents that do not have any child found in household and those for which information of this section is not provided. Each rows of the dataset presents one mother and these mothers are identifiable through variable "PRID".

II) Child's Mother Information					III) Child's Father Information				
Name	Age	Total No. of Children (Ever Had)	Ever Attended School		HIGHEST class/Grade (COMPLETED)	Age	Ever Attended School		HIGHEST class/Grade (COMPLETED)
			Yes	No			Yes	No	

File Name: ITAASER2019GSchool

It has School's Information covered in survey. Variables of government school level information starts from capital letter "S". This file has all information of government and private schools sections including their funding information.

HOW TO MERGE DATASETS

Two types of mergers are possible here.

1) Variable of children file are linked with mothers and households. Characteristics of parents can be added to children file on basis of mother's identification codes i.e. "PRID" and household indicators can be added on basis of household's identification codes i.e., "HHID".

(2) Household variables can be merged to mother's information on basis of identification codes of households i.e., "HHID".

INDICATOR DEFINITION

ENROLLMENT

It is a rate that is limited to range 0% to 100%.

Calculation Method

This is an age specific enrollment rate which portrays proportion of children with in each age band. It is calculated for different age bands. Numerator include education status of all children according to categories i.e. for government, private, madrassah, other type of schools, dropouts and never enrolled, respectively. Denominator will include all children (w.r.t age band) surveyed. ASER Pakistan (2019) considers majorly three age bands here. 1) 3-5 (years old) recognizes early childhood education group; 2) 6-10 (years old) recognizes age groups of children that are expected to be at primary level education (grade 1-5); 3) 11-13 (years old) recognizes age groups of children that are expected to be at elementary level education (grade 6-8) and 4) 14-16 (years old) recognizes age groups of children that are expected to be at secondary level education (grade 9-10). However, due to underage or overage enumeration, the grade levels may vary with in each of these age bands. It can be segregated by type of place of residence, provinces/territories, gender, age of all children, grades of currently enrolled children by type of institutions and their tuition status, household wealth possession and parental education.

Interpretation

It is narrated as percentage of children (belonging to specific age group) currently enrolled/not-enrolled.

LEARNING LEVELS

It is categorical ordinal measure. It ranges from 0% to 100% and sum of all categories is 100%.

Calculation Method

It is a rate of children that are falling under certain level divided by total 5-16 years old population which presents proportion of total children (5-16 years old) at their highest learning level. It is calculated for all children i.e. school going and out of school children. Each category represents some learning level which is considered as higher level from its previous category. Where first category represents the lowest level and last category is considered as a highest learning level. These levels are defined on Standard-II level competencies in Urdu, English and Arithmetic curriculum. It is country specific criteria. This rate ignores 3-4 years old children because it is built on standard-II level curriculum criteria. It can be segregated by type of place of residence, provinces/territories, gender, and age of all children, grades of currently enrolled, tuition status, household wealth possession and parental education.

Interpretation

It is narrated as percentage of children belonging to specific age group/grade level at certain level of competency. That level is renowned as highest learning level of a child.

PARENTAL EDUCATION

It is a categorical ordinal measure that ranges from 0% to 100% and sum of all categories is 100%.

Calculation Method

It is calculated from recoding of a semi-continuous variable in which highest completed level of mother and father is asked. This rate presents the education levels of parents completed by them at time of survey.

Generally education levels defined are 1) primary level education (grade 1-5); 2) elementary level education (grade 6-8); 3) secondary level education (grade 9-10); 4) higher secondary (11-12 years education); 5) Bachelors/Graduate (13-16 years education); 6) Master (15-16 years education); 7) Postgraduate (17 and above years education).

Sometimes it happens that information on this question is not provided from households. In this case that household is included if it has target child (3-16 years old) otherwise such households are excluded from analysis. However, there are situations in which interviewers do not get target children available for assessment even after three visits. In this case if information on parental education is provided then such household is also included in analysis. This indicator can be segregated by type of place of residence, provinces/territories and wealth status.

Interpretations

It is narrated as percentage of parents (with mother or father) that has completed contain level of education.

TEACHER'S ATTENDANCE

It is a rate that ranges from 0% to 100%.

Calculation Method

It is rate of numbers of currently present teachers at time of survey by total appointed teachers for each education level (described earlier). Numerator and denominator include all type of teachers i.e. head teacher, regular teacher, contract teachers, para teachers, part time teachers etc.

Interpretation

It is narrated as percentage of teachers presented in school at time of survey.

STUDENT'S ATTENDANCE

It is a rate that ranges from 0% to 100%.

Calculation Method

It is rate of total students studying/presented in class by total children currently enrolled at time of survey. Numerator and denominator include sum of all children. Here number of children are recorded by grade levels.

Interpretation

It is narrated as percentage of students present in class at time of survey.

SCHOOL FACILITIES

It is a rate that ranges from 0% to 100%.

Calculation Method

It is rate of number of schools reported on specific facility that is functional in school at time of survey by total schools provided information on said facility. These are kind of dummy variables. These rates are based on observational data. Sometimes interviewers make their own observation on a list of school facilities if they get permission for it otherwise any contact person from schools provide this information. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school.

Interpretation

It is narrated as percentage of schools having specific facility functional in school at time of survey.

TEACHER'S QUALIFICATION

Educational Qualification

This is a rate that ranges from 0% to 100%. Sum of all categories is 100% here.

Calculation Method

It is calculated as number of teachers report in each qualification category by total teachers reported their qualification. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school.

Interpretation

It is narrated as percentage of teachers that has attained specific level of educational qualification at time of survey.

PROFESSIONAL QUALIFICATION

This is a rate that ranges from 0% to 100%. Sum of all categories is 100% here.

Calculation Method

It is calculated as number of teachers report in each professional qualification category by total teachers reported their professional qualification. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school.

Interpretation

It is narrated as percentage of teachers that has attained specific level of professional qualification at time of survey.

FUNDING INFORMATION

SCHOOLS REPORTED GRANT RECEIVING STATUS**Calculation Method**

It is presented as number of schools provided this information. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school. This indicator is also presented as percentage of these schools. Here two types of information are collected. 1) In current quarter and 2) last completed financial year. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school.

FUNDS**Calculation Methods**

It is presented as sum of all types of funds received by schools in last quarter of current year and in last 12 month completed financial year. All those schools who responded that they are receiving any types of funding grants are eligible to provide their funding amounts here. Sometimes it happens that schools do not provide amounts here but they responded that they are receiving grants. In this situation only those amounts are considered that have their status of receiving funds asked in previous question. Amounts provided are cumulative average of all types of funds here. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school.

DISABILITIES & FUNCTIONING

It is a rate that ranges from 0% to 100%.

Calculation Method

It is calculated as number of schools that responded that they have special children in school by total school responded to this question. It can be segregated by type of place and province/territory where school is situated, education levels, genre and type of institution/school. While segregating by type of institution the denominator includes only those schools that has provided number of special children currently enrolled. In this situation disability rate by accumulating both genders can be different from those calculated from its previous question on status of enrollment of special child at school. It happened because some school restricts interviewers to provide full information on this section and they just provide them status.

Interpretation

It is interpreted as percentage of schools having special children currently enrolled at time of survey.

CODDING SCHEME

Village identification cannot be provided in this round of survey. It is done because ASER Pakistan sampling strategy is not representative at village level. Therefore village identification is not provided within data file and coding manual. This time information on provinces/territories and districts are provided in string form.

In household dataset some new variables of social safety net are included that has generated new variable to the dataset. Two of new variables are provided in mother/father education status. i.e, parents who have attained at-least grade 5 education. Children who have been assessed were found available at time of survey. Therefore the variable representing this information of children's availability is not included in this year's datasets. As this variable was provided in previous rounds of ASER data sets. Since it has not been used in any formulae of assessment indicators therefore it is not included this year. Health and functioning section was not administered at household level therefore children data set also does not include their variable that were present in previous rounds of ASER Pakistan.

This time a new database of school information is developed that included all variables from government and private school sheets. Coding scheme as a little change. All categories coded "-1" in previous rounds of survey are presented as "1". It is done in order to simplify the statistical issues to facilitate complex statistical analysis that would enable more comparisons including, government versus private schools, rural versus urban etc. Therefore a new series of variable names is generated for school level variables. It starts from letter "S" representing the schools level indicators. All schools categorize as pre-primary to primary are merged together in one category. A new variable separating government and private schools is also provided this year i.e. "STYPE". It is adopted because in some villages primary schools are often found to hold pre-school early grade classes i.e. below grade 1. Funding information, teaching staff and their attendance, enrollment and attendance of students at schools are aggregated independently. It is done due to statistical need to incorporate to calculate teacher and student attendance rates and overall picture of funding information respectively. Beside it some new variables are generated due to inclusion of new section to school observation sheets. These include indicators of health and functioning.

File Name: ITAASER2019HOUSEHOLD		Form Name: Household Survey Sheet
Variable	Variable Description	Value Units
SYEAR	Year of Survey	2019
AREA	Type of Place of Residence	1. Urban 2. Rural
RNAME	Name of Region	Blank if data is not available
DNAME	Name of Districts	Blank if data is not available
VID	Village MAP Survey Identification	Blank if data is not available
HHID	Household Identification	Blank if data is not available
HOUNTER	Sampled household in village	Blank if data is not available
H001M	Male members of the household	Blank if data is not available
H001F	Female Members of the households	Blank if data is not available
H001	Total Household Members	Blank if data is not available
H002	<p>Type of household:-</p> <p>Kutcha House which has wall / or roof made of un-burnt bricks, bamboos, mud, grass, reeds, thatch, loosely packed stones, etc.</p> <p>Semi Pacca A house that has fixed walls made up by pucca material but roof is made up of the material other than those used for pucca house.</p> <p>Pucca House which has walls and roof made of the following: Wall Material: Burnt Bricks, stones, cement concrete, timber etc. Roof Material: Tile, GCI (Galvanized Corrugated Iron) sheets, asbestos cement sheet, RBC (Reinforced Brick Concrete), RCC (Reinforced cement concrete) and timber etc.</p>	1.kutcha 2.Semi pucca 3.pucca Blank if data is not available
H003	Ownership of the household	1.Yes 0.No Blank if data is not available
H004	Availability of Electric connection to Household	1.Yes 0.No Blank if data is not available
H005	Availability of Television	1.Yes 0.No Blank if data is not available
H006	Availability of Mobile Phone	1.Yes 0.No Blank if data is not available
H007	Availability of Smart Phone	1.Yes 0.No Blank if data is not available
H008	Availability of Cars	Blank if data is not available
H009	Availability of Motorcycles/Bikes	Blank if data is not available
H010	Availability of Personal Computer	1.Yes 0.No Blank if data is not available
H011	Availability of Solar Panel	1.Yes 0.No Blank if data is not available
H012	Internet Connection at Household	1.Yes 0.No Blank if data is not available
HEHSAAS	Social Safety Nets: Recipient of EHSAAAS	1.Yes 0.No Blank if data is not available
HBISP	Social Safety Nets: Recipient of Benazir Income Support Programme (BISP)	1.Yes 0.No Blank if data is not available
HPSPA	Social Safety Nets: Recipient of Punjab Social Protection Authority (PSPA)	1.Yes 0.No Blank if data is not available

Coding Manual:

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HAKHU	Social Safety Nets: Recipient of Akhuwat	1.Yes 0.No Blank if data is not available
HSPO	Social Safety Nets: OTHERS	1.Yes 0.No Blank if data is not available
HSPNON	Social Safety Nets: None	1.Yes 0.No Blank if data is not available
H100	Do you use SMS service?	1.Yes 0.No Blank if data is not available
H101	Do you use WhatsApp service?	1.Yes 0.No Blank if data is not available

File Name: ITAASER2019Child		Form Name: Household Survey Sheet
Variable	Variable Description	Value Units
SYEAR	Year of Survey	2018
AREA	Type of Place of residence	1.Urban 2.Rural
RNAME	Name of Region	
DNAME	Name of Districts	
HHID	Household Identification	
CID	Unique Identity Number of Household child (3-16 years old)	
PRID	Identification of Mother	
C001	Age of Child	Blank if data is not available
C002	Gender of child	0.Male 1.Female 2.Transgender
C003	Educational Status of Child	1.Never enrolled 2.Drop-out 3.Currently enrolled
C003a	Reasons for dropout	1.Law and order 2.Poverty 3.Flood 4.School building shifted by govt. 5.Illness 6.Migration 7.Others
C003b	Reasons for never enrolled	1.Law and order 2.Poverty 3.Flood 4.School building shifted by govt. 5.Illness 6.Migration 7.Others
C004	<p>If Drop-out, studied up-to which class:-</p> <p><u>Kachi</u> i.e Early child schooling a year before Paki. Paki i.e Early child schooling a year before Class/Grade1.</p> <p><u>Nursery</u> i.e Early child schooling a year before Prep.</p> <p><u>Prep.</u> i.e Early child schooling a year before Class/Grade1.</p> <p><u>PG</u> Play Group i.e Early child schooling a year before Kindergarten.</p> <p><u>KG</u> Kindergarten i.e Early child schooling a year before Class/Grade1.</p> <p><u>Grade:</u> 1,2,3,4,5,6,7.</p> <p><u>Middle</u> 8 year education</p> <p><u>Metric</u> 10 year education</p>	Blank if data is not available
C005	<p>Current Class-Grade of child: -</p> <p><u>Kachi</u> i.e Early child schooling a year before Paki. Paki i.e Early child schooling a year before Class/Grade1.</p> <p><u>Nursery</u> i.e Early child schooling a year before Prep.</p> <p><u>Prep.</u> i.e Early child schooling a year before Class/Grade1.</p> <p><u>PG</u> Play Group i.e Early child schooling a year before Kindergarten.</p> <p><u>KG</u> Kindergarten i.e Early child schooling a year before Class/Grade1.</p>	Blank if data is not available

	<p>Grade: -1,2,3,4,5,6,7.</p> <p>Middle 8 year education</p> <p>Metric 10 year education</p>	
C006	Currently enrolled: Institution Type	1.Government 2.Private 3.Madrasah(Conventional religious education) School 4.Other (Non formal basic Education facility)
C007	Currently enrolled: Does the child goes to surveys school?	1.yes 0.No Blank if data is not available
C008a	Currently enrolled: Is the child currently taking any paid tuition?	1.yes 0.No Blank if data is not available
C008b	Currently enrolled: If taking paid tuition-What is fee for tuition?	Blank if data is not available
C010	Basic Learning Levels: Reading in Local/National language	1.Beginner/Nothing 2.letters 3.words 4.sentences 5.story
C010a	Is the bonus question 1, about basic learning levels in Urdu/sindhi/Pashto, attempted by the child correctly?	1.yes 0.No Blank if data is not available
C010b	Is the bonus question 2, about basic learning levels in Urdu/sindhi/Pashto, attempted by the child correctly?	1.yes 0.No Blank if data is not available
C011	Language in which Reading of child is tested?	1.Urdu 2.Sindhi 3.Pashto
C012	Arithmetic Levels	1.Beginner/Nothing 2.Recognition of 1.9 3.Recognition of 10.99 4.Recognition of 100.200 5.Subtraction 6.Division
C012a	Is the bonus question 1 attempted by the child correctly?	1.yes 0.No Blank if data is not available
C012b	Is the bonus question 2 attempted by the child correctly?	1.yes 0.No Blank if data is not available
C012c	Is the bonus question 3 attempted by the child correctly?	1.yes 0.No Blank if data is not available
C013	English Reading Levels	1.Beginner/Nothing 2.Capital letters 3.Small letters 4.Words 5.Sentences
C013a	Is the bonus question 1	1.yes 0.No Blank if data is not available
C013b	Is the bonus question 2	1.yes 0.No Blank if data is not available
C014	English: Knows word meanings?	1.yes 0.No Blank if data is not available
C015	English: Knows sentence meanings?	1.yes 0.No Blank if data is not available
C016	General Knowledge: English Poem	1.yes 0.No Blank if data is not available

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C017	General Knowledge: English Question 2	1.yes 0.No Blank if data is not available
C018	General Knowledge: English-Figures recognition/Can name things	1.yes 0.No Blank if data is not available
C019	Is child available at household at time of interview	1.yes 0.No Blank if data is not available

File/Table Name: ITAASER2019PARENT		Form Name: Household Sheet: PARENT INFORMATION
Variable	Variable Description	Value Units
SYEAR	Year of Survey	2019
AREA	Type of place of residence	1.Urban 2.Rural
RNAME	Identification of Region	Blank if data is not available
DNAME	Identification of Districts	Blank if data is not available
HHID	Household Identification	Blank if data is not available
PRID	Identification of Parents	Blank if data is not available
PR001	Age of mother (completed years)	Blank if data is not available
PR002	Total number of surviving children (LESS THAN 17) of mother	Blank if data is not available
PR003	Total number of surviving children (17+) of mother	Blank if data is not available
PR004	Has mother ever gone to school?	1.Yes 0.No Blank if data is not available
PR005	<p>If gone, what was grade last completed by mother?</p> <p>Kachi i.e Early child schooling a year before Paki. Paki i.e Early child schooling a year before Class/Grade-1.</p> <p>Nursery i.e Early child schooling a year before Prep.</p> <p>Prep. i.e Early child schooling a year before Class/Grade-1.</p> <p>PG Play Group i.e Early child schooling a year before Kindergarten.</p> <p>KG Kindergarten i.e Early child schooling a year before Class/Grade-1.</p> <p>Middle 8 year education</p> <p>Metric 10 year education</p> <p>FA Faculty of Art 9 (12 year education equivalent to intermediate)</p> <p>FSc Faculty of Science (12 year education equivalent to intermediate)</p> <p>I.Com (12 year education equivalent to intermediate)</p> <p>BA Bachelor of Art (14 year education)</p> <p>BSc Bachelor of Science (14 year education)</p> <p>BCS Bachelor of Computer Science (14 year education)</p> <p>B.Com Bachelor of Commerce (14 year education)</p> <p>BBA Bachelor of Business Administration (14 year education)</p> <p>MA Master of Art (16 year education)</p> <p>MCS Master of Computer Science (16 year education)</p> <p>MSc Master of Science (16 year education)</p> <p>M.Com Master of Commerce (16 year education)</p> <p>MBA Master of Business Administration (16 year education)</p> <p>M.Phil Master of Philosophy</p> <p>Ph.D Doctor of Philosophy</p> <p>1,2,3,4,.....15,16. 1,2,3,4,.....10,11,12,13,14,15,16 year education respectively.</p> <p>M.Ed Master of Education (16 year education)</p>	Blank if data is not available

	<p>B.Ed Bachelor of Education (14 year education)</p> <p>LLB Bachelor of Law</p> <p>LLM Master of Law</p> <p>MBBS Bachelor of Medicine and Bachelor of Surgery</p> <p>CT Certificate of teaching</p> <p>PTC Primary Teacher Certificate</p> <p>Quran Reading/Learning by heart of Holy Quran</p>	
PR006	Education of Mother (Recoded)	0.less than grades 1.greater than 5 grades
PR008	Age of father (completed years)	Blank if data is not available
PR009	Has father ever gone to school?	1.Yes 0.No Blank if data is not available
PR010	<p>If gone, what was grade last completed by father?</p> <p>Kachi i.e Early child schooling a year before Paki. Paki i.e Early child schooling a year before Class/Grade-1.</p> <p>Nursery. i.e Early child schooling a year before Prep.</p> <p>Prep. i.e Early child schooling a year before Class/Grade-1.</p> <p>PG Play Group i.e Early child schooling a year before Kindergarten.</p> <p>KG Kindergarten i.e Early child schooling a year before Class/Grade-1.</p> <p>Middle 8 year education</p> <p>Metric 10 year education</p> <p>FA Faculty of Art 9 (12 year education equivalent to intermediate)</p> <p>FSc Faculty of Science (12 year education equivalent to intermediate)</p> <p>I.Com (12 year education equivalent to intermediate)</p> <p>BA Bachelor of Art (14 year education)</p> <p>BSc Bachelor of Science (14 year education)</p> <p>BCS Bachelor of Computer Science (14 year education)</p> <p>B.Com Bachelor of Commerce (14 year education)</p> <p>BBA Bachelor of Business Administration (14 year education)</p> <p>MA Master of Art (16 year education)</p> <p>MCS Master of Computer Science (16 year education)</p> <p>MSc Master of Science (16 year education)</p> <p>M.Com Master of Commerce (16 year education)</p> <p>MBA Master of Business Administration (16 year education)</p> <p>M.Phil Master of Philosophy</p> <p>Ph.D Doctor of Philosophy</p> <p>1,2,3,4,.....15,16. 1,2,3,4,.....10,11,12,13,14,15,16 year education respectively.</p> <p>M.Ed Master of Education (16 year education)</p>	Blank if data is not available

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	<p><u>B.Ed</u> Bachelor of Education (14 year education)</p> <p><u>LLB</u> Bachelor of Law</p> <p><u>LLM</u> Master of Law</p> <p><u>MBBS</u> Bachelor of Medicine and Bachelor of Surgery</p> <p><u>CT</u> Certificate of teaching</p> <p><u>PTC</u> Primary Teacher Certificate</p> <p><u>Quran</u> Reading/Learning by heart of Holy Quran</p>	
PR011	Education of father (Recoded)	<p>0 if less than grades</p> <p>1 if greater than 5 grades</p>

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File Name: ITAASER2019Schools		Form Name: Government School Observation Sheet (Page 1&2) Private School Observation Sheet
Variable	Variable Description	Value Units
SYEAR	Year of Survey	2019
AREA	Location of School	1.Urban 2.Rural
RNAME	Identification of Region	Blank if data is not available
DNAME	Identification of Districts	Blank if data is not available
STYPE	Type of School	1. Government 2. Private
SID	Unique ID of school	Blank if data is not available
S001	From which class to which class	1.Primary(including pre classes) 2.Elementary 3.Secondary 4-Other
S001a	From which class to which class (others)	Blank if data is not available
S002	Type of School	1.Boys School 2.Girls School 3.Boys and Girls School
S003	Medium of School	1.English Medium 2.Urdu Medium 3.Sindhi Medium 4.Pashto Medium
S003a	Medium of School (Others)	Blank if data is not available
S003Y	Years of School Establishment	Blank if data is not available
S004	Does the school has special child enrolled?	1.Yes 0.No Blank if data is not available
S004t	Total no of Disable Children	1.Yes 0.No Blank if data is not available
S004g	Total Disable Girls	Blank If Missing
S004b	Total Disable Boys	Blank If Missing
S004V	Disability: Visual	1.Yes
S004H	Disability: Hearing	0.No
S004P	Disability: Physical	Blank if data is not available
S004I	Disability: Intellectual	1.Yes
S004BHV	Disability: Behavioral	0.No
S004MUL	Multiple Disabilities	Blank if data is not available
S004FR	School Facilities for Disables: Ramps	1.Yes
S004FT	School Facilities for Disables: Toilets	0.No
S004FHO	School Facilities for Disables: Health Officer	Blank if data is not available
S004FO	School Facilities for Disables: Others	1.Yes
S006	Ownership of Private School	1. Private 2. NGO Assisted 3. Education Foundation 4. Madrassah
S006a	Mention name of above ownership?	
S007E	Total number of enrolled children	Blank if data is not available
S007P	Total children present on day of visit	Blank if data is not available
S008TA	Total Number of Appointed Teachers	Blank if data is not available
S008TP	Total Teachers Present at day of visit	Blank if data is not available
S009a	Teacher's Education: Below Matric	Blank if data is not available
S009b	Teacher's Education: Matric	Blank if data is not available
S009c	Teacher's Education: Intermediate/Higher Secondary (FA or FSc.)	Blank if data is not available
S009d	Teacher's Education: Graduation (BA/BSc.)	Blank if data is not available

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S009e	Teacher's Education: Master's (MA/MSc.)	Blank if data is not available
S009f	Teacher's Education: Post Graduation	Blank if data is not available
S009z	Teacher's Education: Others	Blank if data is not available
S010a	Teacher's Professional Qualification: None	Blank if data is not available
S010b	Teacher's Professional Qualification: Primary teaching Certificate (PTC)	Blank if data is not available
S010c	Teacher's Professional Qualification: CT	Blank if data is not available
S010d	Teacher's Professional Qualification: B.Ed.	Blank if data is not available
S010e	Teacher's Professional Qualification: M.Ed.	Blank if data is not available
S010z	Teacher's Professional Qualification: Others	Blank if data is not available
S010T0	No of teachers who got none of training with in last year (July2018 - Till Date)	Blank if data is not available
S010T15	No of teachers who got 15 days training with in last year (July2018 - Till Date)	Blank if data is not available
S010T30	No of teachers who got 30 days training with in last year (July2018 - Till Date)	Blank if data is not available
S010T31	No of teachers who got more than 30 days training with in last year (July2018 - Till Date)	Blank if data is not available
S011a	Total number of rooms in the school	1.Yes 0.No Blank if data is not available
S011b	Total number of class rooms in school being currently used by the children	1.Yes 0.No Blank if data is not available
S011c	Is there a useable drinking water facility for the children in school?	1.Yes 0.No Blank if data is not available
S011d	Is there complete boundary wall/fence?	1.Yes 0.No Blank if data is not available
S011e	Is there a useable toilet/latrine for children in school?	1.Yes 0.No Blank if data is not available
S011e1	Is there a useable Separate toilet/latrine for girls in school?	1.Yes 0.No Blank if data is not available
S011f	Does the school's library has any books?	1.Yes 0.No Blank if data is not available
S011g	Is there a playground in the school?	1.Yes 0.No Blank if data is not available
S011k	Is there a computer laboratory at school?	
S011L	Is electricity available at school?	1.Yes 0.No Blank if data is not available
S011m	Does this school has internet?	1.Yes 0.No Blank if data is not available
S011n	Does the school has smart board (s)	1.Yes 0.No Blank if data is not available
S011P	Does the school has solar panel (s)	1.Yes 0.No Blank if data is not available
S011Q	Does the school has Furniture	
S012a	Are children of class 2 sitting with children from any other class?	1.Yes 0.No Blank if data is not available
S012b	If 'Yes', then with which class?	Blank if data is not available
S012c	Are children of class 8 sitting with children from any other class?	1.Yes 0.No

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		Blank if data is not available
S012d	If 'Yes', then with which class?	Blank if data is not available
S012e	Where were class 2 children seated?	1. Class room 2. Verandah 3. Outdoor
S012f	Where were class 8 children seated?	1. Class room 2. Verandah 3. Outdoor
S012g	Is there a useable black/white board for Class 2?	1. Yes 0. No Blank if data is not available
S012h	Is there a useable black/white board for Class 8?	1. Yes 0. No Blank if data is not available
S012j	Do most of class 2 children have reading textbooks?	1. Yes 0. No Blank if data is not available
S012k	Do most of class 8 children have reading textbooks?	1. Yes 0. No Blank if data is not available
S012l	Apart from Text Books, Did you see any other supplementary Material for Class 2?	1. Yes 0. No Blank if data is not available
S012m	Apart from Text Books, Did you see any other supplementary Material for Class 8?	1. Yes 0. No Blank if data is not available
SF0	Who Provided Fund	Blank if data is not available
S014	IS SMC/SC/PTA/PTC/PTSMC Active?	1. Yes 0. No Blank if data is not available
S015	Total number of member of SMC/SC/PTA.	Blank if data is not available
S016	Total number of active members of SMC/SC/PTA.	Blank if data is not available
S017	Amount in Bank Balance	Blank if data is not available
S0181	Did you receive any funds during July 2018 to June 2019?	1. Yes 0. No Blank if data is not available
S0181a	If 'Yes' then what was amount of Fund/Grants during July 2018 to June 2019? – (Sum of all types of funds for government schools and amount provided by private schools)	Blank if no data provided
S0182	Did you receive any funds during July 2019 to 15 th November 2019?	1. Yes 0. No Blank if data is not available
S0182a	If 'Yes' then what was amount of Fund/Grants during July 2019 to 15 th November 2019? – (Sum of all types of funds for government schools and amount provided by private schools)	Blank if no data provided
S018PVT1	Is private school affiliated with any other institution?	1. Yes 0. No Blank if data is not available
S018PVT2	Did private school received any funding from:	1. Government 2. Private 3. NGO
S018PVT3	Name of funding Department/Organization during July 2018 to June 2019:	Blank if data is not available
S018PVT4	Name of funding Department/Organization during July 2019 to 15 th November 2019:	Blank if data is not available
S018PVT5	Last year (July 2018 to June 2019) fund used on:	Blank if data is not available
S018PVT6	Last year (July 2019 to 15 th November 2019) fund used on:	Blank if data is not available
S019a1	Is fund spent on New Class Rooms: July 2018-June 2019	1. Yes 0. No

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		Blank if data is not available
S019b1	Is fund spent on New Verandah: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019c1	Is fund spent on New Toilets: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019d1	Is fund spent on New Main Gate: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019e1	Is fund spent on Boundary Wall: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019f1	Is fund spent on New Furniture: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019g1	Is fund spent on New Learning Material: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019h1	Is fund spent on New Stationery: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019i1	Is fund spent on New Library Books: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019j1	Is fund spent on White Wash: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019k1	Is fund spent on Repair Class Rooms: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019m1	Is fund spent on Repair Building: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019n1	Is fund spent on Repair Toilets: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019p1	Is fund spent on Repair Furniture: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019q1	Is fund spent on Repair Water Facility: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019r1	Is fund spent on Repair Computers: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019s1	Is fund spent on Para Teacher Salary: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019t1	Is fund spent on Uniforms: July 2018-June 2019	1.Yes 0.No Blank if data is not available
S019a2	Is fund spent on New Class Rooms: 2019	1.Yes 0.No Blank if data is not available
S019b2	Is fund spent on New Verandah: 2019	1.Yes 0.No Blank if data is not available
S019c2	Is fund spent on New Toilets: 2019	1.Yes 0.No Blank if data is not available
S019d2	Is fund spent on New Main Gate: 2019	1.Yes

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		0.No Blank if data is not available
S019e2	Is fund spent on Boundary Wall: 2019	1.Yes 0.No Blank if data is not available
S019f2	Is fund spent on New Furniture: 2019	1.Yes 0.No Blank if data is not available
S019g2	Is fund spent on New Learning Material: 2019	1.Yes 0.No Blank if data is not available
S019h2	Is fund spent on New Stationery: 2019	1.Yes 0.No Blank if data is not available
S019i2	Is fund spent on New Library Books: 2019	1.Yes 0.No Blank if data is not available
S019j2	Is fund spent on White Wash: 2019	1.Yes 0.No Blank if data is not available
S019k2	Is fund spent on Repair Class Rooms: 2019	1.Yes 0.No Blank if data is not available
S019m2	Is fund spent on Repair Building: 2019	1.Yes 0.No Blank if data is not available
S019n2	Is fund spent on Repair Toilets: 2019	1.Yes 0.No Blank if data is not available
S019p2	Is fund spent on Repair Furniture: 2019	1.Yes 0.No Blank if data is not available
S019q2	Is fund spent on Repair Water Facility: 2019	1.Yes 0.No Blank if data is not available
S019r2	Is fund spent on Repair Computers: 2019	1.Yes 0.No Blank if data is not available
S019s2	Is fund spent on Para Teacher Salary: 2019	1.Yes 0.No Blank if data is not available
S019t2	Is fund spent on Uniforms: 2019	1.Yes 0.No Blank if data is not available