

# Package ‘PakPMICS2018’

January 25, 2020

**Type** Package

**Title** Multiple Indicator Cluster Survey (MICS) 2017-18 Data for Punjab, Pakistan

**Version** 1.0.0

**Maintainer** Muhammad Yaseen <myaseen208@gmail.com>

**Description** Provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of SDG monitoring, as the survey produces information on 32 global SDG indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using Probability Proportional to size sampling. Six questionnaires were used in the survey: (1) a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; (2) a water quality testing questionnaire administered in three households in each cluster of the sample; (3) a questionnaire for individual women administered in each household to all women age 15-49 years; (4) a questionnaire for individual men administered in every second household to all men age 15-49 years; (5) an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and (6) a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household (<<http://www.mics.unicef.org/surveys>>).

**Depends** R (>= 3.5.0)

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**License** GPL-2 | GPL-3

**Encoding** UTF-8

**LazyData** true

**VignetteBuilder** R.rsp

**NeedsCompilation** no

**RoxygenNote** 7.0.2

**URL** <https://github.com/myaseen208/PakPMICS2018>  
<https://CRAN.R-project.org/package=PakPMICS2018>  
<https://myaseen208.github.io/PakPMICS2018/>

**BugReports** <https://github.com/myaseen208/PakPMICS2018/issues>

**Note** Department of Mathematics and Statistics, University of Agriculture Faisalabad, Faisalabad-Pakistan.

**Imports** tibble

**Suggests** testthat, R.rsp

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**Repository** CRAN

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PakPMICS2018bh	<i>Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire Data for Punjab, Pakistan</i>
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## Description

PakPMICS2018bh data of Child questionnaire, MICS Punjab, 2014.

## Format

A data frame with 157899 rows and 62 variables:

HH1 Cluster number

HH2 Household number

WM1 Cluster number

WM2 Household number

WMINT Interviewer number

WM3 Woman's line number

LN Line number

BH0 Line Number

BH2 Twins

BH3 Sex of child  
BH4D Day of birth  
BH4M Month of birth  
BH4Y Year of birth  
BH4A Premature birth (Birth before 37 weeks of pregnancy)  
BH5 Still alive  
BH6 Age of child  
BH7 Living with respondent  
BH8 Line number of child in HH  
BH9U Age at death (units)  
BH9N Age at death (number)  
BH10 Any other between births  
BH4C Date of birth of child (CMC)  
BH4F Date flag for BH4C  
BH9C Age at death months (imputed)  
BH9F Date flag for BH9C  
HH4 Supervisor number  
HH6 Area  
WDOI Date of interview women (CMC)  
WDOB Date of birth of woman (CMC)  
majorcity majorcity  
wscore Combined wealth score  
windex5 Wealth index quintile  
windex10 Percentile Group of com1  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
windex10u Percentile Group of urb1  
wscorer Rural wealth score  
windex5r Rural wealth index quintile  
windex10r Percentile Group of rur1  
division Division  
hh6r Area  
suburban suburban  
hh7 Districts  
BHLN BHLN  
brthord Birth order  
magebrt Mother's age at birth

birthint Previous birth interval  
welevel Mother's education  
disability Functional difficulties (age 18-49 years)  
insurance Health insurance  
BH4D\_first Day of birth  
BH4M\_first Month of birth  
BH4Y\_first Year of birth  
BH6\_first Age of child  
BH3\_last Sex of newborns  
BH4D\_last Day of birth  
BH4M\_last Month of birth  
BH4Y\_last Year of birth  
BH6\_last Age of child  
wmweight Woman's sample weight  
stratum stratum  
psu psu

**Author(s)**

1. Muhammad Yaseen (<myaseen208@gmail.com>)

**References**

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

**Examples**

```
# Loading PakPMICS2018bh
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018bh.RData"
))
PakPMICS2018bh

## End(Not run)
```

PakPMICS2018ch

*Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire  
Data for Punjab, Pakistan*

## Description

PakPMICS2018ch provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 Children Under Five questionnaire data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of SDG monitoring, as the survey produces information on 32 global SDG indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using Probability Proportional to size sampling. Six questionnaires were used in the survey: 1. a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; 2. a water quality testing questionnaire administered in three households in each cluster of the sample; 3. a questionnaire for individual women administered in each household to all women age 15-49 years; 4. a questionnaire for individual men administered in every second household to all men age 15-49 years; 5. an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and 6. a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household.

## Format

A data frame with 42408 rows and 420 variables:

HH1 Cluster number  
 HH2 Household number  
 LN Line number  
 UF1 Cluster number  
 UF2 Household number  
 UF3 Child's line number  
 UFINT Interviewer number  
 UF4 Mother / Caretaker's line number  
 UF5 Interviewer number  
 UF6 Supervisor's number  
 UF7D Day of interview  
 UF7M Month of interview  
 UF7Y Year of interview  
 UF9 Household interviewer  
 UF10 Consent  
 UF17 Result of interview for children under 5  
 UF8H Start of interview - Hour

UF8M Start of interview - Minutes  
UF11H End of interview - Hour  
UF11M End of interview - Minutes  
UF12 Language of the questionnaire  
UF13 Language of the interview  
UF14 Native language of the respondent  
UF15 Translator used  
UFHINT Household interviewer  
UB1D Day of birth of child  
UB1M Month of birth of child  
UB1Y Year of birth of child  
UB2 Age of child  
UB6 Ever attended pre-school/katchi/ECE programme  
UB7 Attended early childhood education programme anytime since the beginning of current school year  
UB8 Currently attending early childhood education programme  
UB9 Covered by any health insurance  
UB10A Health insurance - Public-health organization / Community-based health insurance  
UB10B Health insurance - Health insurance through employer  
UB10C Health insurance - Social security  
UB10D Health insurance - Other privately purchased commercial health insurance  
UB10X Health insurance - Other  
UB10NR Health insurance - No response  
BR1 Birth certificate  
BR2 Birth registered  
BR3 Know how to register birth  
EC1 Number of children's books or picture books for child  
EC2A Homemade toys  
EC2B Toys from shops  
EC2C Household objects or outside objects  
EC3A Days left alone for more than one hour  
EC3B Days left in the care of another child, that is someone less than 10 years old, for more than one hour  
EC5AA Read books - Mother  
EC5AB Read books - Father  
EC5AX Read books - Other  
EC5AY Read books - No one  
EC5ANR Read books - No response

- EC5BA Tell stories - Mother
- EC5BB Tell stories - Father
- EC5BX Tell stories - Other
- EC5BY Tell stories - No one
- EC5BNR Tell stories - No response
- EC5CA Sang songs - Mother
- EC5CB Sang songs - Father
- EC5CX Sang songs - Other
- EC5CY Sang songs - No one
- EC5CNR Sang songs - No response
- EC5DA Took outside - Mother
- EC5DB Took outside - Father
- EC5DX Took outside - Other
- EC5DY Took outside - No one
- EC5DNR Took outside - No response
- EC5EA Played with - Mother
- EC5EB Played with - Father
- EC5EX Played with - Other
- EC5EY Played with - No one
- EC5ENR Played with - No response
- EC5FA Named/counted - Mother
- EC5FB Named/counted - Father
- EC5FX Named/counted - Other
- EC5FY Named/counted - No one
- EC5FNR Named/counted - No response
- EC6 Child identifies at least ten letters of the alphabet
- EC7 Child reads at least four simple, popular words
- EC8 Child knows name and recognizes symbol of all numbers from 1-10
- EC9 Child able to pick up small object with 2 fingers
- EC10 Child sometimes too sick to play
- EC11 Child follows simple directions
- EC12 Child able to do something independently
- EC13 Child gets along well with other children
- EC14 Child kicks, bites or hits other children or adults
- EC15 Child gets distracted easily
- UCD2A Took away privileges
- UCD2B Explained why behaviour was wrong

- UCD2C Shook child
- UCD2D Shouted, yelled or screamed at child
- UCD2E Gave child something else to do
- UCD2F Spanked, hit or slapped child on bottom with bare hand
- UCD2G Hit child on the bottom or elsewhere with belt, brush, stick, etc.
- UCD2H Called child dumb, lazy or another name
- UCD2I Hit or slapped child on the face, head or ears
- UCD2J Hit or slapped child on the hand, arm or leg
- UCD2K Beat child up as hard as one could
- UCD5 Child needs to be physically punished to be brought up properly
- UCF2 Child wear glasses
- UCF3 Child uses hearing aid
- UCF4 Child uses any equipment or receive assistance for walking
- UCF7 Child has difficulty seeing
- UCF9 Child has difficulty hearing sounds like people voices or music
- UCF11 Without using equipment or assistance child has difficulty walking
- UCF12 When using equipment or assistance child has difficulty walking
- UCF13 Compared with children of the same age, child has difficulty walking
- UCF14 Compared with children of the same age, child has difficulty picking up small objects with his/her hand
- UCF15 Child has difficulty understanding parent/caretaker
- UCF16 Child has difficulty being understood by parent/caretaker when speaks
- UCF17 Compared with children of the same age, child has difficulty learning things
- UCF18 Compared with children of the same age, child has difficulty playing
- UCF19 Compared with children of the same age, how much child kick, bite or hit other children or adults
- BD2 Child ever been breastfed
- BD3 Child still being breastfed
- BD4 Child drank anything from a bottle with a nipple yesterday
- BD5 Child drank ORS yesterday
- BD6 Child drank or ate vitamin or mineral supplements yesterday
- BD7A Child drank plain water yesterday
- BD7B Child drank juice or juice drinks yesterday
- BD7C Child drank clear broth or clear soup yesterday
- BD7D Child drank infant formula yesterday
- BD7D1 Times child drank infant formula
- BD7E Child drank milk yesterday
- BD7E1 Times child drank milk



BD7X Child drank any other liquid yesterday  
BD8A Child drank or ate yogurt yesterday  
BD8A1 Times drank or ate yogurt  
BD8B Child ate fortified baby food cerelac etc. yesterday  
BD8C Child ate foods made from grains yesterday  
BD8D Child ate pumpkin, carrots, squash etc. yesterday  
BD8E Child ate white potatoes, white yams, manioc, cassava etc. yesterday  
BD8F Child ate green leafy vegetables yesterday  
BD8G Child ate ripe mangoes, papayas, apricots etc. yesterday  
BD8H Child ate other fruits or vegetables yesterday  
BD8I Child ate liver, kidney, heart or other organ meat yesterday  
BD8J Child ate meat, as beef, lamb, goat, chicken, duck etc. or sausages made from these meats yesterday  
BD8K Child ate eggs yesterday  
BD8L Child ate fresh or dried fish or shellfish yesterday  
BD8M Child ate beans, peas, lentils or nuts or any food made from these yesterday  
BD8N Child ate cheese or other food made from milk yesterday  
BD8X Child ate other solid, semi-solid or soft food yesterday  
BD9 Times child ate solid or semi-solid food  
BD8DUMMY Dummy for BD8 explanation  
IM2 Vaccination card for child  
IM3 Ever had vaccination card  
IM5 Card - document seen  
IM6BD Day of BCG immunization  
IM6BM Month of BCG immunization  
IM6BY Year of BCG immunization  
IM6P0D Day of Polio (OPV) (at birth) immunization  
IM6P0M Month of Polio (OPV) (at birth) immunization  
IM6P0Y Year of Polio (OPV) (at birth) immunization  
IM6P1D Day of Polio1 (OPV) immunization  
IM6P1M Month of Polio1 (OPV) immunization  
IM6P1Y Year of Polio1 (OPV) immunization  
IM6P2D Day of Polio2 (OPV) immunization  
IM6P2M Month of Polio2 (OPV) immunization  
IM6P2Y Year of Polio2 (OPV) immunization  
IM6P3D Day of Polio3 (OPV) immunization  
IM6P3M Month of Polio3 (OPV) immunization

IM6P3Y Year of Polio3 (OPV) immunization  
IM6ID Day of Polio (IPV) immunization  
IM6IM Month of Polio (IPV) immunization  
IM6IY Year of Polio (IPV) immunization  
IM6PENTA1D Day of Pentavalent (DPTHibHepB) 1 immunization  
IM6PENTA1M Month of Pentavalent (DPTHibHepB) 1 immunization  
IM6PENTA1Y Year of Pentavalent (DPTHibHepB) 1 immunization  
IM6PENTA2D Day of Pentavalent (DPTHibHepB) 2 immunization  
IM6PENTA2M Month of Pentavalent (DPTHibHepB) 2 immunization  
IM6PENTA2Y Year of Pentavalent (DPTHibHepB) 2 immunization  
IM6PENTA3D Day of Pentavalent (DPTHibHepB) 3 immunization  
IM6PENTA3M Month of Pentavalent (DPTHibHepB) 3 immunization  
IM6PENTA3Y Year of Pentavalent (DPTHibHepB) 3 immunization  
IM6PCV1D Day of Pneumococcal (Conjugate) 1 immunization  
IM6PCV1M Month of Pneumococcal (Conjugate) 1 immunization  
IM6PCV1Y Year of Pneumococcal (Conjugate) 1 immunization  
IM6PCV2D Day of Pneumococcal (Conjugate) 2 immunization  
IM6PCV2M Month of Pneumococcal (Conjugate) 2 immunization  
IM6PCV2Y Year of Pneumococcal (Conjugate) 2 immunization  
IM6PCV3D Day of Pneumococcal (Conjugate) 3 immunization  
IM6PCV3M Month of Pneumococcal (Conjugate) 3 immunization  
IM6PCV3Y Year of Pneumococcal (Conjugate) 3 immunization  
IM6M1D Day of Measles-I immunization  
IM6M1M Month of Measles-I immunization  
IM6M1Y Year of Measles-I immunization  
IM6M2D Day of Measles-II immunization  
IM6M2M Month of Measles-II immunization  
IM6M2Y Year of Measles-II immunization  
IM8 Participate in any previous campaign  
IM9 Child received any other vaccinations during campaigns, immunization days or child health days  
IM11 Child ever received any vaccinations  
IM12 Participate in previous polio campaign  
IM14 Child ever given BCG vaccination  
IM16 Child ever given Polio drops  
IM17 Polio drops in the first two weeks after birth  
IM18 Times received Polio drops

- IM19 Child got injection against Polio with last Polio drops
- IM20 Child ever given Pentavelent vaccination
- IM21 Times received Pentavelent vaccination
- IM22 Child ever given Pneumococcal Conjugate vaccination
- IM23 Times received Pneumococcal Conjugate vaccination
- IM26 Child ever given Measles-I & Measles-II vaccination
- IM26A Number of times
- VS1 Received a vitamin a dose like (this/any of these) within the last 6 months
- CA1 Child had diarrhoea in last 2 weeks
- CA3 Child drank less or more during diarrhoea
- CA4 Child ate less or more during diarrhoea
- CA5 Sought advice or treatment for the diarrhoea from any source
- CA6A Place sought care: (public sector) Government hospital
- CA6B Place sought care: (public sector) Government health centre
- CA6C Place sought care: (public sector) Government health post/Dispensary
- CA6D Place sought care: Lady health worker (LHW)
- CA6E Place sought care: (public sector) Mobile / Outreach clinic
- CA6H Place sought care: Other public
- CA6I Place sought care: Private hospital / clinic
- CA6J Place sought care: Private physician
- CA6K Place sought care: Private pharmacy
- CA6M Place sought care: Mobile clinic
- CA6O Place sought care: Other private medical
- CA6P Place sought care: Relative / Friend
- CA6Q Place sought care: Shop / Market / Street
- CA6R Place sought care: Traditional practitioner
- CA6X Place sought care: Other
- CA6NR Place sought care: Missing
- CA7A Child given ORS packet solution
- CA7B Child given ORS fluid
- CA7C Child given zinc tablets or syrup
- CA7D Child given government-recommended homemade fluid
- CA9A Place got ORS: (public sector) Government hospital
- CA9B Place got ORS: (public sector) Government health centre
- CA9C Place got ORS: (public sector) Government health post/DISPENSARY
- CA9D Place got ORS: (public sector) LADY HEALTH WORKER (LHW)
- CA9E Place got ORS: (public sector) Mobile / Outreach clinic

CA9H Place got ORS: Other public  
CA9I Place got ORS: Private hospital / clinic  
CA9J Place got ORS: Private physician  
CA9K Place got ORS: Private pharmacy  
CA9M Place got ORS: Mobile clinic  
CA9O Place got ORS: Other private medical  
CA9P Place got ORS: Relative / Friend  
CA9Q Place got ORS: Shop / Market / Street  
CA9R Place got ORS: Traditional practitioner  
CA9X Place got ORS: Other  
CA9Z Place got ORS: DK /Don't remember  
CA9NR Place got ORS: Missing  
CA11A Place got ORS: (public sector) Government hospital  
CA11B Place got ORS: (public sector) Government health centre  
CA11C Place got ORS: (public sector) Government health post/Dispensary  
CA11D Place got ORS: (public sector) LADY HEALTH WORKER (LHW)  
CA11E Place got ORS: (public sector) Mobile / Outreach clinic  
CA11H Place got ORS: Other public  
CA11I Place got ORS: Private hospital / clinic  
CA11J Place got ORS: Private physician  
CA11K Place got ORS: Private pharmacy  
CA11M Place got ORS: Mobile clinic  
CA11O Place got ORS: Other private medical  
CA11P Place got ORS: Relative / Friend  
CA11Q Place got ORS: Shop / Market / Street  
CA11R Place got ORS: Traditional practitioner  
CA11X Place got ORS: Other  
CA11Z Place got ORS: DK /Don't remember  
CA11NR Place got ORS: Missing  
CA12 Anything else given to treat the diarrhoea  
CA13A Other treatment: (Pill or Syrup) Antibiotic  
CA13B Other treatment (pill or syrup): Antimotility (anti-diarrhoea)  
CA13G Other treatment (pill or syrup): Other pill or syrup  
CA13H Other treatment (pill or syrup): Unknown pill or syrup  
CA13L Other treatment (injection): Antibiotic  
CA13M Other treatment (injection): Non-antibiotic  
CA13N Other treatment (injection): Unknown injection

CA130 Other treatment: Intravenous (IV)  
CA13Q Other treatment: Home remedy / Herbal medicine  
CA13X Other treatment: Other  
CA13NR Other treatment: Missing  
CA14 Child ill with fever in last 2 weeks  
CA15 Blood taken from finger or heel for testing  
CA16 Child ill with cough in last 2 weeks  
CA17 Difficulty breathing during illness with cough  
CA18 Symptoms due to problem in chest or blocked nose  
CA20 Sought advice or treatment for illness  
CA21A Place sought care: (public sector) Government hospital  
CA21B Place sought care: (public sector) Government health centre  
CA21C Place sought care: (public sector) Government health post  
CA21D Place sought care: (public sector) Community health worker (Non Government)  
CA21E Place sought care: (public sector) Mobile / Outreach clinic  
CA21H Place sought care: Other public  
CA21I Place sought care: Private hospital / clinic  
CA21J Place sought care: Private physician  
CA21K Place sought care: Private pharmacy  
CA21M Place sought care: Mobile clinic  
CA21O Place sought care: Other private medical  
CA21P Place sought care: Relative / Friend  
CA21Q Place sought care: Shop / Market / Street  
CA21R Place sought care: Traditional practitioner  
CA21X Place sought care: Other  
CA21NR Place sought care: Missing  
CA22 Given medicine to treat this illness  
CA23A Medicine: Anti-Malarials: Artemisinin combination therapy (ACT)  
CA23B Medicine: Anti-Malarials: SP / Fansidar  
CA23C Medicine: Anti-Malarials: Chloroquine  
CA23D Medicine: Anti-Malarials: Amodiaquine  
CA23E Medicine: Anti-Malarials: Quinine pills  
CA23F Medicine: Anti-Malarials: Quinine injection / IV  
CA23G Medicine: Anti-Malarials: Artesunate rectal  
CA23H Medicine: Anti-Malarials: Artesunate injection / IV  
CA23K Medicine: Anti-Malarials: Other anti-malarial  
CA23L Medicine: Antibiotics: Amoxicillin

CA23M Medicine: Antibiotics: Cotrimoxazole  
CA23N Medicine: Antibiotics: Other antibiotic pill / syrup  
CA23O Medicine: Antibiotics: Other antibiotic injection / IV  
CA23R Medicine: Paracetamol / Panadol / Acetaminophen  
CA23S Medicine: Aspirin  
CA23T Medicine: Ibuprofen  
CA23X Medicine: Other  
CA23Z Medicine: DK  
CA23NR Medicine: Missing  
CA25A Place got antibiotics:(public sector) Government hospital  
CA25B Place got antibiotics: (public sector) Government health centre  
CA25C Place got antibiotics: (public sector) Government health post/Dispensary  
CA25D Place got antibiotics: (public sector) Lady Health Worker (LHW)  
CA25E Place got antibiotics: (public sector) Mobile / Outreach clinic  
CA25H Place got antibiotics: Other public  
CA25I Place got antibiotics: Private hospital / clinic  
CA25J Place got antibiotics: Private physician  
CA25K Place got antibiotics: Private pharmacy  
CA25M Place got antibiotics: Mobile clinic  
CA25O Place got antibiotics: Other private medical  
CA25P Place got antibiotics: Relative / Friend  
CA25Q Place got antibiotics: Shop / Market / Street  
CA25R Place got antibiotics: Traditional practitioner  
CA25X Place got antibiotics: Other  
CA25Z Place got antibiotics: DK / Don't remember  
CA25NR Place got antibiotics: Missing  
CA27A Place got anti-malarials:(public sector) Government hospital  
CA27B Place got anti-malarials: (public sector) Government health centre  
CA27C Place got anti-malarials: (public sector) Government health post/Dispensary  
CA27D Place got anti-malarials: (public sector) Lady Health Worker (LHW)  
CA27E Place got anti-malarials: (public sector) Mobile / Outreach clinic  
CA27H Place got anti-malarials: Other public  
CA27I Place got anti-malarials: Private hospital / clinic  
CA27J Place got anti-malarials: Private physician  
CA27K Place got anti-malarials: Private pharmacy  
CA27M Place got anti-malarials: Mobile clinic  
CA27O Place got anti-malarials: Other private medical

CA27P Place got anti-malarials: Relative / Friend  
CA27Q Place got anti-malarials: Shop / Market / Street  
CA27R Place got anti-malarials: Traditional practitioner  
CA27X Place got anti-malarials: Other  
CA27Z Place got anti-malarials: DK / Don't remember  
CA27NR Place got anti-malarials: Missing  
CA29 Got medicine after fever started  
CA31 What was done to dispose of the stools  
AN1 Cluster number  
AN2 Household number  
AN3 Child's line number  
AN4 Age of child  
AN5 Mother's line number  
AN6 Interviewer number  
AN7 Measurer's identification code  
AN8 Child's weight (kilograms)  
AN9 Child undressed to the minimum  
AN11 Child's length or height (centimetres)  
AN12 Child measured lying or standing  
AN13D Day of measurement  
AN13M Month of measurement  
AN13Y Year of measurement  
HH4 Supervisor number  
HH6 Area  
HL4 Sex  
ED5A Highest level of education attended  
ED5B Highest grade attended at that level  
CDOI Date of interview child (CMC)  
CDOB Date of birth of child (CMC)  
CAGE Age (months)  
CAGE\_6 Age  
CAGE\_11 Age  
CAGED Age in days  
HAP Height for age percentile NCHS  
HAZ Height for age z-score NCHS  
HAM Height for age percent of reference median NCHS  
WAP Weight for age percentile NCHS

WAZ Weight for age z-score NCHS  
 WAM Weight for age percent of reference median NCHS  
 WHP Weight for height percentile NCHS  
 WHZ Weight for height z-score NCHS  
 WHM Weight for height percent of reference median NCHS  
 FLAG Flag for anthropometric indicators  
 BMI Body Mass Index WHO  
 ZBMI Body Mass Index z-score WHO  
 HAZ2 Height for age z-score WHO  
 WAZ2 Weight for age z-score WHO  
 WHZ2 Weight for height z-score WHO  
 HAZFLAG Height for age flag WHO  
 WAZFLAG Weight for age flag WHO  
 WHZFLAG Weight for height flag WHO  
 BMIFLAG BMI flag WHO  
 WHZNOAGE Weight for height - Age flag WHO  
 wscore Combined wealth score  
 windex5 Wealth index quintile  
 windex10 Percentile Group of com1  
 wscoreu Urban wealth score  
 windex5u Urban wealth index quintile  
 windex10u Percentile Group of urb1  
 wscorer Rural wealth score  
 windex5r Rural wealth index quintile  
 windex10r Percentile Group of rur1  
 division Division  
 majorcity majorcity  
 hh6r Area  
 suburban  
 hh7 Districts  
 melevel Mother's Education  
 cinsurance Health insurance  
 cdisability Functional difficulties (age 2-4 years)  
 caretakerdis Mother's functional disabilities (age 18-49 years)  
 chweight Children under 5's sample weight  
 stratum stratum  
 psu psu



**Author(s)**

1. Muhammad Yaseen (<myaseen208@gmail.com>)

**References**

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

**Examples**

```
# Loading PakPMICS2018ch
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018ch.RData"
))
PakPMICS2018ch

## End(Not run)
```

---

PakPMICS2018fs

*Multiple Indicator Cluster Survey (MICS) 2018 Children Age 5-17  
Questionnaire Data for Punjab, Pakistan*

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**Description**

PakPMICS2018fs provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 Children Age 5-17 questionnaire data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of SDG monitoring, as the survey produces information on 32 global SDG indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using Probability Proportional to size sampling. Six questionnaires were used in the survey: 1. a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; 2. a water quality testing questionnaire administered in three households in each cluster of the sample; 3. a questionnaire for individual women administered in each household to all women age 15-49 years; 4. a questionnaire for individual men administered in every second household to all men age 15-49 years; 5. an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and 6. a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household.

**Format**

A data frame with 37052 rows and 276 variables:

HH1 Cluster number

HH2 Household number

LN Line number

FS1 Cluster number

FS2 Household number  
FS3 Child's line number  
FSINT Interviewer number  
FS4 Mother / Caretaker's line number  
FS5 Interviewer number  
FS6 Supervisor's number  
FS7D Day of interview  
FS7M Month of interview  
FS7Y Year of interview  
FS9 First interview with this respondent  
FS10 Consent  
FS17 Result of interview for children 5-17  
FS8H Start of interview - Hour  
FS8M Start of interview - Minutes  
FS11H End of interview - Hour  
FS11M End of interview - Minutes  
FS12 Language of the Questionnaire  
FS13 Language of the Interview  
FS14 Native language of the Respondent  
FS15 Translator used  
FSHINT Household interviewer  
CB2M Month of birth of child  
CB2Y Year of birth of child  
CB3 Age of child  
CB4 Ever attended school or early childhood programme  
CB5A Highest level of education attended  
CB5B Highest grade attended at that level  
CB6 Ever completed that grade/year  
CB7 Attended school or early childhood programme during current school year  
CB8A Level of education attended current school year  
CB8B Grade of education attended current school year  
CB9 Attended school or early childhood programme during previous school year  
CB10A Level of education attended previous school year  
CB10B Grade of education attended previous school year  
CB11 Covered by any health insurance  
CB12A Health insurance - PUBLIC HEALTH INSURANCE  
CB12B Health insurance - Health insurance through employer

CB12C Health insurance - Social security  
CB12D Health insurance - Other privately purchased commercial health insurance  
CB12X Health insurance - Other  
CB12NR Health insurance - Missing  
CL1A Worked or helped on garden in past week  
CL1B Helped in family business in past week  
CL1C Produced or sold articles in past week  
CL1X Engaged in any other activity for income in past week  
CL3 Hours worked in past week  
CL4 Activities required carrying heavy loads  
CL5 Activities required working with dangerous tools or heavy machinery  
CL6A Description of work: exposed to dust, fumes, or gas  
CL6B Description of work: exposed to extreme temperatures or humidity  
CL6C Description of work: exposed to loud noise or vibration  
CL6D Description of work: required to work at heights  
CL6E Description of work: required to work with chemicals  
CL6X Description of work: exposed to other  
CL7 Fetched water in past week  
CL8 Hours spent fetching water in past week  
CL9 Collected firewood in past week  
CL10 Hours spent collecting firewood in past week  
CL11A Household chores in past week: shopping  
CL11B Household chores in past week: cooking  
CL11C Household chores in past week: washing dishes or cleaning around the house  
CL11D Household chores in past week: washing/iron clothes  
CL11E Household chores in past week: caring for children  
CL11F Household chores in past week: caring for old or sick  
CL11X Household chores in past week: other household tasks  
CL13 Number of hours engaged in past week  
FCD2A Took away privileges  
FCD2B Explained why behaviour was wrong  
FCD2C Shook child  
FCD2D Shouted, yelled or screamed at child  
FCD2E Gave child something else to do  
FCD2F Spanked, hit or slapped child on bottom with bare hand  
FCD2G Hit child on the bottom or elsewhere with belt, brush, stick, etc.  
FCD2H Called child dumb, lazy or another name

- FCD2I Hit or slapped child on the face, head or ears
- FCD2J Hit or slapped child on the hand, arm or leg
- FCD2K Beat child up as hard as one could
- FCD5 Child needs to be physically punished to be brought up properly
- FCF1 Child wear glasses or contact lenses
- FCF2 Child uses hearing aid
- FCF3 Child uses any equipment or receive assistance for walking
- FCF6 Child has difficulty seeing
- FCF8 Child has difficulty hearing sounds like people voices or music
- FCF10 Without using equipment or assistance child has difficulty walking 100 meters
- FCF11 Without using equipment or assistance child has difficulty walking 500 meters
- FCF12 When using equipment or assistance child has difficulty walking 100 meters
- FCF13 When using equipment or assistance child has difficulty walking 500 meters
- FCF14 Compared with children of the same age, child has difficulty walking 100 meters
- FCF15 Compared with children of the same age, child has difficulty walking 500 meters
- FCF16 Child has difficulty with self-care such as feeding or dressing
- FCF17 Child has difficulty being understood by people inside of this household
- FCF18 Child has difficulty being understood by people outside of this household
- FCF19 Compared with children of the same age, child has difficulty learning things
- FCF20 Compared with children of the same age, child has difficulty remembering things
- FCF21 Child has difficulty concentrating on an activity that he/she enjoys
- FCF22 Child has difficulty accepting changes in his/her routine
- FCF23 Compared with children of the same age, child have difficulty controlling his/her behaviour
- FCF24 Child has difficulty making friends
- FCF25 How often child seems very anxious, nervous or worried
- FCF26 How often child seems very sad or depressed
- PR3 Number of children's books or picture books for child
- PR5 Child ever had homework
- PR6 Anyone helps child with homework
- PR7 School have a School Governing Body in which parents can participate
- PR8 Attended a PTA / SMC meeting in the last 12 months
- PR9A At meeting - discussed a plan for addressing key education issues faced by child's school
- PR9B At meeting - discussed school budget or use of funds received by child's school
- PR10 In the last 12 months - received a student or student report card
- PR11A In the last 12 months gone to school for - a school assembly, a school celebration or a sport event
- PR11B In the last 12 months gone to school for - to discuss child's progress with child's teachers

- PR12A In the last 12 months school closed due to - natural disasters
- PR12B In the last 12 months school closed due to - man made disasters
- PR12C In the last 12 months school closed due to - teacher strike or teacher absenteesim
- PR12X In the last 12 months school closed due to - any other reasons
- PR13 In the last 12 months, child was unable to attend class due to teacher being absent
- PR15 Contacted the school officials or school governing bodies when this happened
- FL1 Consent
- FL2H Start of interview with child - Hour
- FL2M Start of interview with child - Minutes
- FL3 Consent
- FL4A You are not alone with the child unless they are at least visible to an adult known to the child
- FL4B You have engaged the child in conversation and built rapport e.g. using an Icebreaker
- FL4C The child is sat comfortably, able to use the Reading & Numbers Book without difficulty while you can see which page is open
- FL6A child read books
- FL6B someone read books to child
- FL7 Language child speaks most of the time at home
- FL9 Language teacher use most of the time when teaching child in class
- FL10 Like to read story
- FL13 Giving the Child book - Manual introduction
- FL14 Child read every word in the practice correctly
- FL15 Reading done: How old is Mano?
- FL16 Mano is 5 years old
- FL17 Another question: Who is older: Mano or Motie?
- FL18 Motie is older than Mano. Motie is 6 and Mano is 5.
- FLINTRO INTRO
- FL19W1 Word1
- FL19W2 Word2
- FL19W3 Word3
- FL19W4 Word4
- FL19W5 Word5
- FL19W6 Word6
- FL19W7 Word7
- FL19W8 Word8
- FL19W9 Word9
- FL19W10 Word10
- FL19W11 Word11

FL19W12 Word12  
FL19W13 Word13  
FL19W14 Word14  
FL19W15 Word15  
FL19W16 Word16  
FL19W17 Word17  
FL19W18 Word18  
FL19W19 Word19  
FL19W20 Word20  
FL19W21 Word21  
FL19W22 Word22  
FL19W23 Word23  
FL19W24 Word24  
FL19W25 Word25  
FL19W26 Word26  
FL19W27 Word27  
FL19W28 Word28  
FL19W29 Word29  
FL19W30 Word30  
FL19W31 Word31  
FL19W32 Word32  
FL19W33 Word33  
FL19W34 Word34  
FL19W35 Word35  
FL19W36 Word36  
FL19W37 Word37  
FL19W38 Word38  
FL19W39 Word39  
FL19W40 Word40  
FL19W41 Word41  
FL19W42 Word42  
FL19W43 Word43  
FL19W44 Word44  
FL19W45 Word45  
FL19W46 Word46  
FL19W47 Word47  
FL19W48 Word48

- FL19W49 Word49
- FL19W50 Word50
- FL19W51 Word51
- FL19W52 Word52
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- FL19W60 Word60
- FL19W61 Word61
- FL19W62 Word62
- FL19W63 Word63
- FL19W64 Word64
- FL19W65 Word65
- FL19W66 Word66
- FL19W67 Word67
- FL19W68 Word68
- FL19W69 Word69
- FL19W70 Word70
- FL19W71 Word71
- FL19W72 Word72
- FL20A Total number of words attempted
- FL20B Total number of words incorrect or missed
- FL21 How well did child read the story
- FL22A Story comprehension: 1 (What class is Amjad in)
- FL22B Story comprehension: 2 (What did Amjad see on the way home)
- FL22C Story comprehension: 3 (Why did Amjad start crying)
- FL22D Story comprehension: 4 (Where did Amjad fall (down))
- FL22E Story comprehension: 5 (Why was Amjad happy)
- FL23A Child recognizes symbol: 9
- FL23B Child recognizes symbol: 12
- FL23C Child recognizes symbol: 30
- FL23D Child recognizes symbol: 48
- FL23E Child recognizes symbol: 74

FL23F Child recognizes symbol: 731  
 FL24A Child identifies bigger of two numbers: 7-5  
 FL24B Child identifies bigger of two numbers: 11-24  
 FL24C Child identifies bigger of two numbers: 58-49  
 FL24D Child identifies bigger of two numbers: 65-67  
 FL24E Child identifies bigger of two numbers: 146-154  
 FL25A Child adds numbers correctly: 3+2  
 FL25B Child adds numbers correctly: 8+6  
 FL25C Child adds numbers correctly: 7+3  
 FL25D Child adds numbers correctly: 13+6  
 FL25E Child adds numbers correctly: 12+24  
 FL26 Manual intro  
 FL27A Child identifies next number: 5-6-7-X  
 FL27B Child identifies next number: 14-15-X-17  
 FL27C Child identifies next number: 20-X-40-50  
 FL27D Child identifies next number: 2-4-6-X  
 FL27E Child identifies next number: 5-8-11-X  
 FL28 Result of interview with selected child (7-14 years)  
 HH4 Supervisor number  
 HH6 Area  
 HL4 Sex  
 ED5A Highest level of education attended  
 ED5B Highest grade attended at that level  
 FSAGE Age  
 FSD0I Date of interview child 5-17 (CMC)  
 FSD0B Date of birth of child 5-17 (CMC)  
 HH56 Number of CF questionnaires completed (age 5-17 years)  
 fweight Children 5-17's sample weight  
 caretakerdis Mother's functional disabilities (age 18-49 years)  
 wscore Combined wealth score  
 windex5 Wealth index quintile  
 windex10 Percentile Group of com1  
 wscoreu Urban wealth score  
 windex5u Urban wealth index quintile  
 windex10u Percentile Group of urbl  
 wscorer Rural wealth score  
 windex5r Rural wealth index quintile



windex10r Percentile Group of rur1  
division Division  
majorcity majorcity  
hh6r Area  
suburban  
hh7 Districts  
fselevel Child's education  
fsinsurance Health insurance  
fsdisability Functional difficulties  
melevel Mother's education  
schage Age at beginning of school year  
HH52 Number of children age 5-17 years  
fshweight Children 5-17's household sample weight  
stratum stratum  
psu psu

**Author(s)**

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**References**

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

**Examples**

```
# Loading PakPMICS2018fs
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018fs.RData"
))
PakPMICS2018fs

## End(Not run)
```

PakPMICS2018hh

*Multiple Indicator Cluster Survey (MICS) 2018 Household Questionnaire Data for Punjab, Pakistan*

### **Description**

PakPMICS2018hh provides data set and function for exploration of Multiple Indicator Cluster Survey (MICS) 2017-18 Household questionnaire data for Punjab, Pakistan. The results of the present survey are critically important for the purposes of SDG monitoring, as the survey produces information on 32 global SDG indicators. The data was collected from 53,840 households selected at the second stage with systematic random sampling out of a sample of 2,692 clusters selected using Probability Proportional to size sampling. Six questionnaires were used in the survey: 1. a household questionnaire to collect basic demographic information on all de jure household members (usual residents), the household, and the dwelling; 2. a water quality testing questionnaire administered in three households in each cluster of the sample; 3. a questionnaire for individual women administered in each household to all women age 15-49 years; 4. a questionnaire for individual men administered in every second household to all men age 15-49 years; 5. an under-5 questionnaire, administered to mothers (or caretakers) of all children under 5 living in the household; and 6. a questionnaire for children age 5-17 years, administered to the mother (or caretaker) of one randomly selected child age 5-17 years living in the household.

### **Format**

A data frame with 53840 rows and 330 variables:

HH1 Cluster number  
 HH2 Household number  
 HH3 Interviewer number  
 HH4 Supervisor number  
 HH5D Day of interview  
 HH5M Month of interview  
 HH5Y Year of interview  
 HH6 Area  
 HH8 HH selected for Questionnaire for Men  
 HH9 HH selected for Water Quality Testing  
 HH10 HH selected for blank testing  
 HH11H Start of interview - Hour  
 HH11M Start of interview - Minutes  
 HH12 Consent  
 HH46 Result of HH interview  
 HH13H End of interview - Hour  
 HH13M End of interview - Minutes

- HH14 Language of the questionnaire
- HH15 Language of the interview
- HH16 Native language of the respondent
- HH17 Translator used
- HH26A Rank number of the selected child
- HH26B Child line number
- HH26C Child's age
- HH33 Consent for interview girls 15-17
  - HH33.01 Roster to check the consent for interview girls 15-17
  - HH33.02 Roster to check the consent for interview girls 15-17
  - HH33.03 Roster to check the consent for interview girls 15-17
  - HH33.04 Roster to check the consent for interview girls 15-17
  - HH33.05 Roster to check the consent for interview girls 15-17
  - HH33.06 Roster to check the consent for interview girls 15-17
  - HH33.07 Roster to check the consent for interview girls 15-17
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HH33.50 Roster to check the consent for interview girls 15-17  
HH39 Consent for interview boys 15-17  
HH39.01 Roster to check the consent for interview boys 15-17  
HH39.02 Roster to check the consent for interview boys 15-17  
HH39.03 Roster to check the consent for interview boys 15-17  
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- HH39.49 Roster to check the consent for interview boys 15-17
- HH39.50 Roster to check the consent for interview boys 15-17
- HH44 Consent for Water Quality Testing
- HH47 Respondent to HH questionnaire

HH48 Number of HH members  
HH49 Number of women 15 - 49 years  
HH50 Number of men 15 - 49 years  
HH51 Number of children under age 5  
HH52 Number of children age 5-17  
INTR0HL Introduction HH Listing  
HHAUX Other household members  
HHWQ Water Quality prompt  
HHFIN Finish  
HC1B Language of household head  
HC3 Number of rooms used for sleeping  
HC4 Main material of floor  
HC5 Main material of roof  
HC6 Main material of exterior wall  
HC7A Household have: Fixed telephone line  
HC7B Household have: Radio  
HC7C Household have: Gas Heater  
HC7D Household have: Cooking Range  
HC7E Household have: Sewing Machine (without electric motor)  
HC7F Household have: An iron (Gas/ Coal)  
HC7G Household have: Bed  
HC7H Household have: Sofa  
HC7I Household have: Cupboard  
HC7J Household have: Wall Clock  
HC8 Household have electricity  
HC9A Household have: Television  
HC9B Household have: Refrigerator  
HC9C Household have: Washing Machine/ Dryer  
HC9D Household have: Air Cooler/ Fan  
HC9E Household have: Microwave Oven  
HC9F Household have: Electric Iron  
HC9G Household have: Water Filter  
HC9H Household have: Donkey Pump/ Turbine  
HC9I Household have: Air conditioner  
HC9J Household have: Sewing Machine (with electric motor)  
HC10A Any member of household own: Watch  
HC10B Any member of household own: Bicycle

- HC10C Any member of household own: Motorcycle or scooter
- HC10D Any member of household own: Animal-drawn cart
- HC10E Any member of household own: Car, truck or van
- HC10F Any member of household own: Boat with motor
- HC10G Any member of household own: Tractor Trolley
- HC10H Any member of household own: Autorickshaw/ Chingchi
- HC11 Any member have a computer
- HC12 Any member have a mobile telephone
- HC13 Internet access at home
- HC14 Household owns the dwelling
- HC15 Any household member own land that can be used for agriculture
- HC16 Hectares of agricultural land members of household owns
- HC17 Household own any animals
- HC18A Milk cows, buffaloes or bulls
- HC18B Other cattle
- HC18C Horses, donkeys, camel or mules
- HC18D Goats
- HC18E Sheep
- HC18F Chickens
- HC18H Ducks/Turkey
- HC19 Any household member own bank account
- ST2.1 Aware of (name of programme)
- ST2.2 Aware of (name of programme)
- ST2.3 Aware of (name of programme)
- ST2.4 Aware of (name of programme)
- ST2.5 Aware of (name of programme)
- ST2.6 Aware of (name of programme)
- ST3.1 Received assistance through (name of programme)
- ST3.2 Received assistance through (name of programme)
- ST3.3 Received assistance through (name of programme)
- ST3.4 Received assistance through (name of programme)
- ST3.5 Received assistance through (name of programme)
- ST3.6 Received assistance through (name of programme)
- ST4U.1 Last time assistance was received (unit)
- ST4U.2 Last time assistance was received (unit)
- ST4U.3 Last time assistance was received (unit)
- ST4U.4 Last time assistance was received (unit)

ST4U.5 Last time assistance was received (unit)  
ST4U.6 Last time assistance was received (unit)  
ST4N.1 Last time assistance was received (number)  
ST4N.2 Last time assistance was received (number)  
ST4N.3 Last time assistance was received (number)  
ST4N.4 Last time assistance was received (number)  
ST4N.5 Last time assistance was received (number)  
ST4N.6 Last time assistance was received (number)  
RM1 Working outside this country  
RM2 Number of persons working outside this country  
RM3 Household receive remittances from outside the country  
RM4 Household receive any cash donation from within the country  
EU1 Type of cookstove mainly used for cooking  
EU2 Cookstove have a chimney  
EU3 Cookstove have a fan  
EU4 Type of energy source for cookstove  
EU5 Place for cooking  
EU6 Type of space heating in household  
EU7 Space heater have a chimney  
EU8 Type of energy source for heater  
EU9 Type of lighting in household  
WS1 Main source of drinking water  
WS2 Main source of water used for other purposes (if bottled water used for drinking)  
WS3 Location of the water source  
WS4 Time (in minutes) to get water and come back  
WS5 Person collecting water  
WS6 Number of times person collected water in the last seven days  
WS7 There been any time in the last month without sufficient water  
WS8 Main reason without sufficient water  
WS9 Treat water to make safer for drinking  
WS10A Water treatment: Boil  
WS10B Water treatment: Add bleach/chlorine  
WS10C Water treatment: Strain it through a cloth  
WS10D Water treatment: Use water filter  
WS10E Water treatment: Solar disinfection  
WS10F Water treatment: Let it stand and settle  
WS10X Water treatment: Other



WS10Z Water treatment: DK  
WS10NR Water treatment: Missing  
WS11 Type of toilet facility  
WS12 Pit latrine or septic tank ever been emptied  
WS13 Place the contents were emptied  
WS14 Location of the toilet facility  
WS15 Toilet facility shared  
WS16 Toilet shared with other household or with general public  
WS17 Households using this toilet facility  
HW1 Place where household members most often wash their hands  
HW2 Water available at the place for handwashing  
HW3 Soap or detergent present at place of handwashing  
HW4 Usual place for handwashing  
HW5 Soap or detergent available for washing hands  
HW6 Hand washing material shown  
HW7A Bar soap  
HW7B Detergent (Powder / Liquid / Paste)  
HW7NR Missing  
SA1 Salt iodization test outcome  
SA2 Salt iodization recheck test outcome  
WQ1 Cluster number  
WQ2 Household number  
WQ3 Measurer's number  
WQ4 Supervisor's number  
WQ5D Day of interview  
WQ5M Month of interview  
WQ5Y Year of interview  
WQ6 HH selected for blank testing  
WQ8 Consent for water testing  
WQ31 Result of water quality testing  
WQ10H Start of water quality test - Hour  
WQ10M Start of water quality test - Minutes  
WQ22H End of water quality test - Hour  
WQ22M End of water quality test - Minutes  
WQ11 Glass of the water that members of your household usually drink  
WQ12 whether the water was collected directly from the source or from a separate storage container  
WQ13 Have you labeled sample

WQ14 Done anything to the water to make it safer to drink  
WQ15A Water treatment: Boil  
WQ15B Water treatment: Add bleach/chlorine  
WQ15C Water treatment: Strain it through a cloth  
WQ15D Water treatment: Use water filter  
WQ15E Water treatment: Solar disinfection  
WQ15F Water treatment: Let it stand and settle  
WQ15X Water treatment: Other  
WQ15Z Water treatment: DK  
WQ15NR Water treatment: Missing  
WQ16 Was the glass water from the main source  
WQ17 Source of water where the glass of water was collected  
WQ18 Main source of water was shown  
WQ19 Source water sample collected  
WQ20 HH selected for blank testing  
WQ21 Blank water test available  
WQ23H End of water quality test - Hour  
WQ23M End of water quality test - Minutes  
WQ24D Day of of recording test results  
WQ24M Month of of recording test results  
WQ24Y Year of of recording test results  
WQ26 Household water test (100ml)  
WQ27 Source water test (100ml)  
WQ29 Blank water test (100ml)  
WQ25M End of water quality test - Hour  
WQ25H End of water quality test - Minutes  
HHSEX Sex of household head  
HHAGE Age of household head  
stratum stratum  
psu psu  
wscore Combined wealth score  
windex5 Wealth index quintile  
windex10 Percentile Group of com1  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
windex10u Percentile Group of urb1  
wscorer Rural wealth score

windex5r Rural wealth index quintile  
windex10r Percentile Group of rur1  
division Division  
majorcity majorcity  
hh6r Area  
suburban  
hh7 Districts  
helevel Education of household head  
HH53 Number of woman' questionnaires completed  
HH54 Number of man' questionnaires completed  
HH50A Number of men 15 - 49 years in interviewed households  
HH55 Number of under - 5 questionnaires completed  
HH56 Number of CF questionnaires completed (age 5-17 years)  
hhweight Household sample weight  
wqhweight Weight for household WQT  
wshweight Weight for source WQT  
wqsweight Weight for source WQT

### Author(s)

1. Muhammad Yaseen (<myaseen208@gmail.com>)

### References

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

### Examples

```
# Loading PakPMICS2018hh
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018hh.RData"
))
PakPMICS2018hh

## End(Not run)
```

---

PakPMICS2018h1      *Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire  
Data for Punjab, Pakistan*

---

### **Description**

PakPMICS2018h1 data of Child questionnaire, MICS Punjab, 2014.

### **Format**

A data frame with 157899 rows and 62 variables:

HH1 Cluster number  
 HH2 Household number  
 HL1 Line number  
 HL3 Relationship to the head  
 HL4 Sex  
 HL5M Month of birth  
 HL5Y Year of birth  
 HL6 Age  
 HL7 Member stayed in the household last night  
 HL7A Age 10 and above  
 HL7B Marital Status  
 HL8 Line number of woman age 15 - 49  
 HL9 Line number of man age 15 - 49  
 HL10 Line number for children age 0-4  
 HL11 Member age 0-17  
 HL12 Is natural mother alive  
 HL13 Does natural mother live in HH  
 HL14 Natural mother's line number in HH  
 HL15 Where does natural mother live  
 HL16 Is natural father alive  
 HL17 Does natural father live in HH  
 HL18 Natural father's line number in HH  
 HL19 Where does natural father live  
 HL20 Line number of morhter or primary caretaker for children 0-17 years of age  
 HL33 Consent for interview girls 15-17  
 HL39 Consent for interview boys 15-17  
 ED1 Line number

- ED2A Age
- ED3 Age above 3
- ED4 Ever attended school or any Early Childhood Education programme
- ED5A Highest level of education attended
- ED5B Highest grade attended at that level
- ED6 Highest grade completed at that level
- ED7 Age 3-24
- ED8 Check: Ever attended school, Pre School, Katchi or any Early Childhood Education programme
- ED9 Attended school during current school year
- ED10A Level of education attended current school year
- ED10B Grade of education attended current school year
- ED10C Going to any school last week for at least 4-5 hours daily
- ED11 Attended public school current school year
- ED12 School tuition in the current school year
- ED13A Tuition provided: Govt./public
- ED13B Tuition provided: Religious / faith org.
- ED13C Tuition provided: Private
- ED13X Tuition provided: Other
- ED13Z Tuition provided: Z
- ED13NR Tuition provided: NR
- ED14 Material support in the current school year
- ED15 Attended school previous school year
- ED16A Level of education attended previous school year
- ED16B Grade of education attended previous school year
- DA1 Line number
- DA2B Age
- DA3 Age 18 or above
- DA4 Wear glasses or contact lenses
- DA5 Difficulty seeing, even if wearing glasses
- DA6 Difficulty seeing
- DA7 Wear a hearing aid
- DA8 Difficulty hearing, even if using a hearing aid
- DA9 Difficulty hearing
- DA10 Difficulty communicating when using his/her usual language
- DA11 Difficulty remembering or concentrating
- DA12 Difficulty walking or climbing steps

DA13 Difficulty washing all over or dressing  
DA14A Taken any benefit: ZAKAT & BAIT UL MALL  
DA14B Taken any benefit: BISP  
DA14C Taken any benefit: KHIDMAT CARD  
DA14D Taken any benefit: PENSION / RETIRMENT  
DA14E Taken any benefit: WATAN / HEALTH CARD  
DA14X Taken any benefit: OTHER  
DA14Y Taken any benefit: NOT ANY  
DA14Z Taken any benefit: DONT KNOW  
DA14NR Taken any benefit: NON RESPONSE  
HH4 Supervisor number  
HH5D Day of interview  
HH5M Month of interview  
HH5Y Year of interview  
HH6 Area  
MLINE Mother's line number  
FLINE Father's line number  
helevel Education of household head  
disability Functional difficulties  
insurance Health insurance  
schage Age at beginning of school year  
melevel Mother level of education  
caretakerdis Mother's functional disabilities (age 18-49 years)  
felevel Education of father  
wscore Combined wealth score  
windex5 Wealth index quintile  
windex10 Percentile Group of com1  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
windex10u Percentile Group of urb1  
wscorer Rural wealth score  
windex5r Rural wealth index quintile  
windex10r Percentile Group of rur1  
division Division  
majorcity majorcity  
hh6r Area  
suburban  
hh7 Districts  
hhweight Household sample weight  
stratum stratum  
psu psu

**Author(s)**

1. Muhammad Yaseen (<myaseen208@gmail.com>)

**References**

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

**Examples**

```
# Loading PakPMICS2018h1
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018h1.RData"
))
PakPMICS2018h1

## End(Not run)
```

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PakPMICS2018mm	<i>Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire Data for Punjab, Pakistan</i>
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**Description**

PakPMICS2018mm data of Child questionnaire, MICS Punjab, 2014.

**Format**

A data frame with 157899 rows and 62 variables:

HH1 Cluster number  
 HH2 Household number  
 WM1 Cluster number  
 WM2 Household number  
 WMINT Interviewer number  
 WM3 Woman's line number  
 LN Line number  
 MMLN Sibling's line number  
 MM15 Sibling's gender  
 MM16 Sibling still alive  
 MM17 Age of sibling  
 MM18 Years since death  
 MM19 Age at death of sibling  
 MM22 Pregnant when died

MM23 Died during the childbirth  
MM24 Died within two months after the end of a pregnancy or childbirth  
MM25 Days after the end of the pregnancy or childbirth did die  
MM26 Death due to an act of violence  
MM27 Death due to an accident  
HH4 Supervisor number  
HH6 Area  
WD0I Date of interview women (CMC)  
WD0B Date of birth of woman (CMC)  
wscore Combined wealth score  
windex5 Wealth index quintile  
windex10 Percentile Group of com1  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
windex10u Percentile Group of urb1  
wscorer Rural wealth score  
windex5r Rural wealth index quintile  
windex10r Percentile Group of rur1  
division Division  
majorcity majorcity  
hh6r Area  
suburban  
hh7 Districts  
welevel Education  
disability Functional difficulties (age 18-49 years)  
insurance Health insurance  
wmweight Woman's sample weight  
stratum stratum  
psu psu

**Author(s)**

1. Muhammad Yaseen (<myaseen208@gmail.com>)

**References**

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).



**Examples**

```
# Loading PakPMICS2018mn
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018mn.RData"
))
PakPMICS2018mn

## End(Not run)
```

---

PakPMICS2018mn	<i>Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire Data for Punjab, Pakistan</i>
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**Description**

PakPMICS2018mn data of Child questionnaire, MICS Punjab, 2014.

**Format**

A data frame with 157899 rows and 62 variables:

HH1 Cluster number  
 HH2 Household number  
 MWM1 Cluster number  
 MWM2 Household number  
 MWMINT Interviewer number  
 MWM3 Man's line number  
 LN Line number  
 MWM4 Supervisor's number  
 MWM5 Interviewer's number  
 MWM6D Day of interview  
 MWM6M Month of interview  
 MWM6Y Year of interview  
 MWM8 Household interviewer  
 MWM9 Consent  
 MWM17 Result of man's interview  
 MWM7H Start of interview - Hour  
 MWM7M Start of interview - Minutes  
 MWM10H End of interview - Hour  
 MWM10M End of interview - Minutes  
 MWM11 Interview completed in private

MWM12 Language of the Questionnaire  
MWM13 Language of the Interview  
MWM14 Native language of the Respondent  
MWM15 Translator used  
MWMHINT Household interviewer  
MWB1 Check: Respondent to HH questionnaire  
MWB2 Check: Highest level of school attended  
MWB3M Month of birth of man  
MWB3Y Year of birth of man  
MWB4 Age of man  
MWB5 Ever attended school  
MWB6A Highest level of school attended  
MWB6B Highest grade attended at that level  
MWB7 Grade completion  
MWB9 Attended school during current school year  
MWB10A Level of education attended current school year  
MWB10B Grade of education attended current school year  
MWB11 Attended school previous school year  
MWB12A Level of education attended previous school year  
MWB12B Grade of education attended previous school year  
MWB14 Can read part of the sentence  
MWB15 Duration of living in current place  
MWB16 Place of living prior to moving to current place  
MWB17 Region prior to moving to current place  
MWB18 Covered by health insurance  
MWB19A Type of health insurance: Public health organization  
MWB19B Type of health insurance: Health insurance through employer  
MWB19C Type of health insurance: Social security  
MWB19D Type of health insurance: Other privately purchased commercial health insurance  
MWB19X Type of health insurance: Other  
MWB19NR Type of health insurance: Missing  
MWD0I Date of interview man (CMC)  
MWB1C Date of birth of man (CMC)  
MWB1F Date flag for WB1  
MWB2C Age of respondent (calculated)  
MWAGE Age  
MMT1 Frequency of reading newspaper or magazine

- MMT2 Frequency of listening to the radio
- MMT3 Frequency of watching TV
- MMT4 Ever used a computer or a tablet
- MMT5 Computer / tablet usage in the last 3 months
- MMT6A During the last 3 months: Copy or move a file or folder
- MMT6B During the last 3 months: Use a copy / paste in document
- MMT6C During the last 3 months: Send e-mail with attached file
- MMT6D During the last 3 months: Use a basic arithmetic formula in a spreadsheet
- MMT6E During the last 3 months: Connect and install a new device
- MMT6F During the last 3 months: Install and configure software
- MMT6G During the last 3 months: Create an electronic presentation
- MMT6H During the last 3 months: Transfer a file
- MMT6I During the last 3 months: Write a computer program
- MMT9 Ever used internet
- MMT10 Internet usage in the last 3 months
- MMT11 Own a mobile phone
- MMT12 Mobile phone usage in the last 3 months
- MCM1 Ever fathered any children
- MCM2 Any sons or daughters living with you
- MCM3 Sons living with you
- MCM4 Daughters living with you
- MCM5 Any sons or daughters not living with you
- MCM6 Sons living elsewhere
- MCM7 Daughters living elsewhere
- MCM8 Ever had child who later died
- MCM9 Boys dead
- MCM10 Girls dead
- MCM11 Children ever born
- MCM12 Confirm total number of ever born
- MCM15 Same biological mother
- MCM16 Number of women respondent fathered children with
- MCM17 Age when first child was born
- MCM18M Month of last birth
- MCM18Y Year of last birth
- MDV1A If she goes out with out telling husband: wife beating justified
- MDV1B If she neglects the children: wife beating justified
- MDV1C If she argues with husband: wife beating justified

MDV1D If she refuses sex with husband: wife beating justified  
MDV1E If she burns the food: wife beating justified  
MVT1 Something taken by using force or someone threatening to use force  
MVT2 Victimization happened during the last 12 months  
MVT3 Number of times victimisation happened in the last year  
MVT5 The last time that this happened, was anything stolen  
MVT6 Person(s) had a weapon  
MVT7A Offender(s) had a knife, a gun or something else used as a weapon: A knife  
MVT7B Offender(s) had a knife, a gun or something else used as a weapon: A gun  
MVT7X Offender(s) had a knife, a gun or something else used as a weapon: Other weapon  
MVT7NR Offender(s) had a knife, a gun or something else used as a weapon: Missing  
MVT8 Incident reported to the police  
MVT9 Physically attacked  
MVT10 Attack happened during the last 12 months  
MVT11 Number of times attack happened in the last year  
MVT12 Place attack happened the last time  
MVT13 Number of people involved in committing the offence  
MVT14 At least one of the offender(s) recognized at the time of the incident  
MVT17 Person(s) had a weapon  
MVT18A Offender(s) had a knife, a gun or something else used as a weapon: A knife  
MVT18B Offender(s) had a knife, a gun or something else used as a weapon: A gun  
MVT18X Offender(s) had a knife, a gun or something else used as a weapon: Other weapon  
MVT18NR Offender(s) had a knife, a gun or something else used as a weapon: Missing  
MVT19 Incident reported to the police  
MVT20 Feeling safe walking alone in neighbourhood after dark  
MVT21 Feeling safe at home alone after dark  
MVT22A In the past 12 months, felt discriminated: Ethnic or immigration origin  
MVT22B In the past 12 months, felt discriminated: Gender  
MVT22C In the past 12 months, felt discriminated: Sexual orientation  
MVT22D In the past 12 months, felt discriminated: Age  
MVT22E In the past 12 months, felt discriminated: Religion or belief  
MVT22F In the past 12 months, felt discriminated: Disability  
MVT22X In the past 12 months, felt discriminated: any other reason  
MMA1 Currently married  
MMA3 More than one wives  
MMA4 Number of wives  
MMA5 Ever married

- MMA6 Marital status
- MMA7 Married with someone once or more than once
- MMA8M Month of first marriage
- MMA8Y Year of first marriage
- MMA11 Age at first marriage
- MHA1 Ever heard of HIV or AIDS
- MHA2 Can avoid HIV by having one uninfected partner
- MHA3 Can get HIV from mosquito bites
- MHA4 Can avoid HIV by using a condom correctly every time
- MHA5 Can get HIV by sharing food with a person who has HIV
- MHA6 Can get HIV through supernatural means
- MHA7 Healthy-looking person may have HIV
- MHA8A HIV from mother to child during pregnancy
- MHA8B HIV from mother to child during delivery
- MHA8C HIV from mother to child through breastfeeding
- MHA10 Aware of drugs used to reduce the risk of transmission to the baby
- MHA24 Ever been tested for HIV
- MHA25 Most recent time of testing for HIV
- MHA26 Received results of HIV test
- MHA27 Know a place to get HIV test
- MHA28 Heard of test kit for HIV testing
- MHA29 Ever tested yourself using test kit
- MHA30 Would buy fresh vegetables from shopkeeper with AIDS virus
- MHA31 Children living with HIV should be allowed to attend school with other children
- MHA32 People hesitate to take an HIV test because they are afraid of how other people will react if the test result is positive
- MHA33 People talk badly about people living with HIV, or who are thought to be living with HIV
- MHA34 People living with HIV, or thought to be living with HIV, lose the respect of other people
- MHA35 Agreement with the following statement: I would be ashamed if someone in my family had HIV
- MHA36 Fear of getting HIV in contact with the saliva of a person living with HIV
- MTA1 Ever tried cigarette smoking
- MTA2 Age when cigarette was smoked for the first time
- MTA3 Currently smoking cigarettes
- MTA4 Number of cigarettes smoked in the last 24 hours
- MTA5 Number of days when cigarettes were smoked in past month
- MTA6 Ever tried any smoked tobacco products other than cigarettes
- MTA7 Used any smoked tobacco products during the last month

MTA8A Type of smoked tobacco product: Cigars  
 MTA8B Type of smoked tobacco product: Water pipe  
 MTA8C Type of smoked tobacco product: Cigarillos  
 MTA8D Type of smoked tobacco product: Pipe/SHESHA  
 MTA8X Type of smoked tobacco product: Other  
 MTA8NR Type of smoked tobacco product: No response  
 MTA9 Number of days when tobacco products where smoked in past month  
 MTA10 Ever tried any form of smokeless tobacco products  
 MTA11 Used any smokeless tobacco products during the last month  
 MTA12A Type of smokeless tobacco product used: Chewing tobacco  
 MTA12B Type of smokeless tobacco product used: Snuff  
 MTA12D Type of smokeless tobacco product used: PAN WITH TOBACCO  
 MTA12E Type of smokeless tobacco product used: GUTKA  
 MTA12F Type of smokeless tobacco product used: NASWAR  
 MTA12G Type of smokeless tobacco product used: MAWA TOBACCO  
 MTA12H Type of smokeless tobacco product used: PAN WITH TOBACCO  
 MTA12X Type of smokeless tobacco product used: Other  
 MTA12NR Type of smokeless tobacco product used: No response  
 MTA13 Number of days when smokeless tobacco products where used in past month  
 MLS1 Estimation of overall happiness  
 MLS2 Satisfaction with ladder step  
 MLS3 Life satisfaction in comparison with last year  
 MLS4 Life satisfaction expectation one year from now  
 HH4 Supervisor number  
 HH6 Area  
 MWDOB Date of birth of man (CMC)  
 MWDOM Date of marriage of man (CMC)  
 MWAGEM Age at first marriage of man  
 MMSTATUS Marital status of man  
 disability Functional difficulties (age 18-49 years)  
 wscore Combined wealth score  
 windex5 Wealth index quintile  
 windex10 Percentile Group of com1  
 wscoreu Urban wealth score  
 windex5u Urban wealth index quintile  
 windex10u Percentile Group of urb1  
 wscorer Rural wealth score

windex5r Rural wealth index quintile  
 windex10r Percentile Group of rur1  
 division Division  
 majorcity majorcity  
 hh6r Area  
 suburban  
 hh7 Districts  
 mwelevel Education  
 minsurance Health insurance  
 mdisability Functional difficulties (age 18-49 years)  
 mnweight Men's sample weight  
 stratum stratum  
 psu psu

#### Author(s)

1. Muhammad Yaseen (<myaseen208@gmail.com>)

#### References

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

#### Examples

```
# Loading PakPMICS2018mn
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018mn.RData"
))
PakPMICS2018mn

## End(Not run)
```

---

PakPMICS2018wm

*Multiple Indicator Cluster Survey (MICS) 2018 Child Questionnaire  
 Data for Punjab, Pakistan*

---

#### Description

PakPMICS2018wm data of Child questionnaire, MICS Punjab, 2014.

**Format**

A data frame with 157899 rows and 62 variables:

HH1 Cluster number  
HH2 Household number  
WM1 Cluster number  
WM2 Household number  
WMINT Interviewer number  
WM3 Woman's line number  
LN Line number  
WM4 Supervisor's number  
WM5 Interviewer's number  
WM6D Day of interview  
WM6M Month of interview  
WM6Y Year of interview  
WM8 Household interviewer  
WM9 Consent  
WM17 Result of woman's interview  
WM7H Start of interview - Hour  
WM7M Start of interview - Minutes  
WM10H End of interview - Hour  
WM10M End of interview - Minutes  
WM11 Interview completed in private  
WM12 Language of the Questionnaire  
WM13 Language of the Interview  
WM14 Native language of the Respondent  
WM15 Translator used  
WMHINT Household interviewer  
INTROBH Introduction Birth History (BH)  
INTROMM Introduction MM Listing  
MMAUX Other brother/sisters  
WB3M Month of birth of woman  
WB3Y Year of birth of woman  
WB4 Age of woman  
WB5 Ever attended school  
WB6A Highest level of school attended  
WB6B Highest grade attended at that level  
WB7 Grade completion



WB9 Attended school during current school year  
WB10A Level of education attended current school year  
WB10B Grade of education attended current school year  
WB11 Attended school previous school year  
WB12A Level of education attended previous school year  
WB12B Grade of education attended previous school year  
WB14 Can read part of the sentence  
WB15 Duration of living in current place  
WB16 Place of living prior to moving to current place  
WB17 Region prior to moving to current place  
WB18 Covered by health insurance  
WB19A Type of health insurance: Public health organization  
WB19B Type of health insurance: Health insurance through employer  
WB19C Type of health insurance: Social security  
WB19D Type of health insurance: Other privately purchased commercial health insurance  
WB19X Type of health insurance: Other  
WB19NR Type of health insurance: No response  
WDOI Date of interview women (CMC)  
WAGE Age  
MT1 Frequency of reading newspaper or magazine  
MT2 Frequency of listening to the radio  
MT3 Frequency of watching TV  
MT4 Ever used a computer or a tablet  
MT5 Computer / tablet usage in the last 3 months  
MT6A During the last 3 months: Copy or move a file or folder  
MT6B During the last 3 months: Use a copy / paste in document  
MT6C During the last 3 months: Send e-mail with attached file  
MT6D During the last 3 months: Use a basic arithmetic formula in a spreadsheet  
MT6E During the last 3 months: Connect and install a new device  
MT6F During the last 3 months: Install and configure software  
MT6G During the last 3 months: Create an electronic presentation  
MT6H During the last 3 months: Transfer a file  
MT6I During the last 3 months: Write a computer program  
MT9 Ever used internet  
MT10 Internet usage in the last 3 months  
MT11 Own a mobile phone  
MT12 Mobile phone usage in the last 3 months

MA1 Currently married  
MA2 Age of husband  
MA3 Husband has more wives  
MA4 Number of other wives or partners  
MA5 Ever married  
MA6 Marital status  
MA7 Married or lived with a man once or more than once  
MA8M Month of first marriage  
MA8Y Year of first marriage  
MA11 Age at first marriage  
CM1 Ever given birth  
CM2 Any sons or daughters living with you  
CM3 Sons living with you  
CM4 Daughters living with you  
CM5 Any sons or daughters not living with you  
CM6 Sons living elsewhere  
CM7 Daughters living elsewhere  
CM8 Ever had child who later died  
CM9 Boys dead  
CM10 Girls dead  
CM11 Children ever born  
CM12 Confirm total number of ever born  
CM15 Check total number of children ever born  
CM17 Live births in last two years  
BH11 Any other live births  
DB2 Wanted last child then  
DB4 Wanted child later or did not want more children  
MN2 Received prenatal care  
MN3A Prenatal care provider: Doctor  
MN3B Prenatal care provider: Nurse/Midwife  
MN3C Prenatal care provider: Lady Health Visitor (LHV)  
MN3D Prenatal care provider: Community Mid Wife  
MN3F Prenatal care provider: Traditional birth attendant  
MN3X Prenatal care provider: Other  
MN3NR Prenatal care provider: No Response  
MN4AU Weeks or months pregnant at first prenatal care - unit  
MN4AN Weeks or months pregnant at first prenatal care - number

- MN5 Times received prenatal care
- MN6A Blood pressure
- MN6B Urine sample
- MN6C Blood sample
- MN6D Weight
- MN6E Importance of Spacing
- MN6F Information provided for FP methods
- MN7 Has own immunization card
- MN8 Any tetanus toxoid injection during last pregnancy
- MN9 Doses of tetanus toxoid during last pregnancy
- MN11 Any tetanus toxoid injection before last pregnancy
- MN12 Doses of tetanus toxoid before last pregnancy
- MN14 Years ago last tetanus toxoid received before last pregnancy
- MN16 Any SP/Fansidar during last pregnancy
- MN17 Doses of SP/Fansidar during last pregnancy
- MN18A Received SP/Fansidar during an antenatal care visit, or during another visit: Antenatal visit
- MN18B Received SP/Fansidar during an antenatal care visit, or during another visit: Another facility visit
- MN18X Received SP/Fansidar during an antenatal care visit, or during another visit: Other source
- MN18NR Received SP/Fansidar during an antenatal care visit, or during another visit: No response
- MN19A Assistance at delivery: Doctor
- MN19B Assistance at delivery: Nurse / Midwife
- MN19C Assistance at delivery: Lady Health Visitor
- MN19D Assistance at delivery: Community Mid Wife
- MN19F Assistance at delivery: Traditional birth attendant
- MN19H Assistance at delivery: Relative / Friend
- MN19X Assistance at delivery: Other
- MN19Y Assistance at delivery: No one
- MN19NR Assistance at delivery: No response
- MN20 Place of delivery
- MN21 Delivery by caesarean section
- MN22 Decision made to have caesarean section
- MN23 After the birth, baby was put directly on the bare skin of mothers chest
- MN24 Baby was wrapped up before being placed on mothers chest
- MN25 Baby was dried or wiped soon after birth
- MN26U Time baby was bathed - unit
- MN26N Time baby was bathed - number

- MN28 What was used to cut the cord
- MN29 Instrument used to cut the cord boiled prior to use
- MN30 Something applied to the cord after it was cut
- MN31A What was applied to the cord: Chlorhexidine
- MN31B What was applied to the cord: Other antiseptic
- MN31C What was applied to the cord: Mustard oil
- MN31D What was applied to the cord: Ash
- MN31E What was applied to the cord: Animal dung
- MN31X What was applied to the cord: Other
- MN31Z What was applied to the cord: DK / Don't remember
- MN31NR What was applied to the cord: No Response
- MN32 Size of child at birth
- MN33 Weighted at birth
- MN34A Weight from card or recall
- MN34 Weight at birth (Kilograms)
- MN35 Menstrual period returned since the birth of child
- MN36 Ever breastfeed
- MN37U Time baby put to breast - unit
- MN37N Time baby put to breast - number
- MN38 Within first 3 days after delivery, child given anything to drink other than breast milk
- MN39A Child given to drink: Milk (other than breast milk)
- MN39B Child given to drink: Plain water
- MN39C Child given to drink: Sugar or glucose water
- MN39D Child given to drink: Gripe water
- MN39E Child given to drink: Sugar - salt - water solution
- MN39F Child given to drink: Fruit juice
- MN39G Child given to drink: Infant formula
- MN39H Child given to drink: Tea / Infusions
- MN39I Child given to drink: Honey
- MN39J Child given to drink: Prescribed medicine
- MN39K Child given to drink: Rose Water
- MN39X Child given to drink: Other
- MN39Y Child given to drink: Not given anything to drink
- MN39NR Child given to drink: No response
- MN40 Lady Health Worker
- PN3U Duration of staying in the health facility - unit
- PN3N Duration of staying in the health facility - number

PN4 Baby's health checked before leaving health facility  
PN5 Mother's health checked before leaving health facility  
PN5AA Before leaving the facility, did anyone: Counsel for family planning  
PN5AB Before leaving the facility, did anyone: Tell about various family planning methods  
PN5AC Before leaving the facility, did anyone: Guide about from where you can get these methods  
PN6 Baby's health checked after leaving health facility  
PN8 Baby checked after the delivery was over  
PN9 Mother checked after the delivery was over  
PN9AA Councelling for Family Planning  
PN9AB Family Planning Methods  
PN9AC From where you get these methods  
PN10 Additional baby check after the delivery  
PN11 Baby checked after the delivery  
PN12 Number of times baby was checked  
PN13U How long after delivery did the first check of baby happen - unit  
PN13N How long after delivery did the first check of baby happen - number  
PN14A Person checking on baby's health: Doctor  
PN14B Person checking on baby's health: Nurse / Midwife  
PN14C Person checking on baby's health: Lady Health Visitor (LHV)  
PN14D Person checking on baby's health: Community Mid Wife  
PN14F Person checking on baby's health: Traditional birth attendant  
PN14H Person checking on baby's health: Relative / Friend  
PN14X Person checking on baby's health: Other  
PN14NR Person checking on baby's health: Missing  
PN15 Place where baby's health was checked  
PN17 Mother's health checked after leaving health facility  
PN19 Mother's health checked after the delivery was over  
PN20 Mother's health checked after the birth of the baby  
PN21 Number of times mother's health was checked after the birth  
PN22U How long after delivery did the first check of mother happen - unit  
PN22N How long after delivery did the first check of mother happen - number  
PN23A Person checking on mother's health: Doctor  
PN23B Person checking on mother's health: Nurse / Midwife  
PN23C Person checking on mother's health: Lady Health Visitor (LHV)  
PN23D Person checking on mother's health: Community MID Wife  
PN23F Person checking on mother's health: Traditional birth attendant  
PN23H Person checking on mother's health: Relative / Friend

PN23X Person checking on mother's health: Other  
PN23NR Person checking on mother's health: Missing  
PN24 Place where mother's health was checked  
PN25A During two days after birth health care provider: Examine cord  
PN25B During two days after birth health care provider: Take temperature  
PN25C During two days after birth health care provider: Counsel on breastfeeding  
PN27 During two days after birth health care provider observe child's breastfeeding  
PN29 During two days after birth health care provider weighter child again  
PN30 During two days after birth health care provider gave informtion on symtoms  
CP1 Currently pregnant  
CP2 Currently using a method to avoid pregnancy  
CP3 Ever used a method to avoid pregnancy  
CP4A Current method: Female sterilization  
CP4B Current method: Male sterilization  
CP4C Current method: IUD  
CP4D Current method: Injectables / Injection  
CP4E Current method: Implants  
CP4F Current method: Pill  
CP4G Current method: Male condom  
CP4H Current method: Female condom  
CP4I Current method: Diaphragm  
CP4K Current method:Lactational amenorrhoea method (LAM)  
CP4L Current method: Periodic abstinence / Rhythm / Calendar  
CP4M Current method: Withdrawal  
CP4X Current method: Other  
CP4NR Current method: Missing  
UN2 Wanted to get pregnant at the time  
UN4 Wanted baby later or did not want more children  
UN5 Would like to have another child (currently pregnant)  
UN7 Would like to have another child (not currently pregnant)  
UN8U Desired waiting time (unit)  
UN8N Desired waiting time (number)  
UN11 Able to get pregnant  
UN12A Reason: Infrequent sex / No sex  
UN12B Reason: Menopausal  
UN12C Reason: Never menstruated  
UN12D Reason: Hysterectomy

UN12E Reason: Trying to get pregnant for 2 years without result  
UN12F Reason: Postpartum amenorrhoeic  
UN12G Reason: Breastfeeding  
UN12H Reason: Too old  
UN12I Reason: Fatalistic  
UN12X Reason: Other  
UN12Z Reason: Don't know  
UN12NR Reason: Missing  
UN14U Start of last menstrual period - unit  
UN14N Start of last menstrual period - number  
UN16 Social activities, school or work days not attended due to menstruation  
UN17 Availability of private place for washing during last menstrual period  
UN18 Used any materials such as sanitary pads, tampons or cloth  
UN19 Materials reusable  
DV1A If she goes out with out telling husband: wife beating justified  
DV1B If she neglects the children: wife beating justified  
DV1C If she argues with husband: wife beating justified  
DV1D If she refuses sex with husband: wife beating justified  
DV1E If she burns the food: wife beating justified  
VT1 Something taken by using force or someone threatening to use force  
VT2 Victimization happened during the last 12 months  
VT3 Number of times victimisation happened in the last year  
VT5 The last time that this happened, was anything stolen  
VT6 Person(s) had a weapon  
VT7A Offender(s) had a knife, a gun or something else used as a weapon: A knife  
VT7B Offender(s) had a knife, a gun or something else used as a weapon: A gun  
VT7X Offender(s) had a knife, a gun or something else used as a weapon: Other weapon  
VT7NR Offender(s) had a knife, a gun or something else used as a weapon: Missing  
VT8 Incident reported to the police  
VT9 Physically attacked  
VT10 Attack happened during the last 12 months  
VT11 Number of times attack happened in the last year  
VT12 Place attack happened the last time  
VT13 Number of people involved in committing the offence  
VT14 At least one of the offender(s) recognized at the time of the incident  
VT17 Person(s) had a weapon  
VT18A Offender(s) had a knife, a gun or something else used as a weapon: A knife

VT18B Offender(s) had a knife, a gun or something else used as a weapon: A gun  
VT18X Offender(s) had a knife, a gun or something else used as a weapon: Other weapon  
VT18NR Offender(s) had a knife, a gun or something else used as a weapon: Missing  
VT19 Incident reported to the police  
VT20 Feeling safe walking alone in neighbourhood after dark  
VT21 Feeling safe at home alone after dark  
VT22A In the past 12 months, felt discriminated: Ethnic or immigration origin  
VT22B In the past 12 months, felt discriminated: Gender  
VT22C In the past 12 months, felt discriminated: Sexual orientation  
VT22D In the past 12 months, felt discriminated: Age  
VT22E In the past 12 months, felt discriminated: Religion or belief  
VT22F In the past 12 months, felt discriminated: Disability  
VT22X In the past 12 months, felt discriminated: any other reason  
HA1 Ever heard of HIV or AIDS  
HA2 Can avoid HIV by having uninfected husband who has no other wife  
HA3 Can get HIV from mosquito bites  
HA4 Can avoid HIV by using a condom correctly every time  
HA5 Can get HIV by sharing food with a person who has HIV  
HA6 Can get HIV through supernatural means  
HA7 Healthy-looking person may have HIV  
HA8A HIV from mother to child during pregnancy  
HA8B HIV from mother to child during delivery  
HA8C HIV from mother to child through breastfeeding  
HA10 Aware of drugs used to reduce the risk of transmission to the baby  
HA13A Given information about HIV during antenatal care visit: HIV from mother  
HA13B Given information about HIV during antenatal care visit: Things to do  
HA13C Given information about HIV during antenatal care visit: Tested for HIV  
HA13D Given information about HIV during antenatal care visit: Offered a test  
HA14 Tested for HIV as part of antenatal care  
HA15 Received results from test during antenatal care  
HA16 Received consultation after testing during antenatal care  
HA18 Offered test for HIV before delivery  
HA19 Tested for HIV during delivery  
HA20 Received results from test during delivery  
HA22 Tested for HIV since test during pregnancy  
HA23 Most recent time of testing for HIV  
HA24 Ever been tested for HIV



- HA25 Most recent time of testing for HIV
- HA26 Received results of HIV test
- HA27 Know a place to get HIV test
- HA28 Heard of test kit for HIV testing
- HA29 Ever tested yourself using test kit
- HA30 Would buy fresh vegetables from shopkeeper with AIDS virus
- HA31 Children living with HIV should be allowed to attend school with other children
- HA32 People hesitate to take an HIV test because they are afraid of how other people will react if the test result is positive
- HA33 People talk badly about people living with HIV, or who are thought to be living with HIV
- HA34 People living with HIV, or thought to be living with HIV, lose the respect of other people
- HA35 Agreement with the following statement: I would be ashamed if someone in my family had HIV
- HA36 Fear of getting HIV in contact with the saliva of a person living with HIV
- MM1 Number of births to natural mother
- MM3 Any brothers and sisters from the same mother that you have not mentioned
- MM4 Any brothers or sisters who do not live with you that you have not mentioned
- MM5 Any brothers or sisters who died that you have not mentioned
- MM6 Any brothers or sisters born to your natural mother, but who have a different natural father
- MM7 Total number of siblings listed in MM1
- MM8 Total right
- MM12 Number of preceding births
- TA1 Ever tried cigarette smoking
- TA2 Age when cigarette was smoked for the first time
- TA3 Currently smoking cigarettes
- TA4 Number of cigarettes smoked in the last 24 hours
- TA5 Number of days when cigarettes were smoked in past month
- TA6 Ever tried any smoked tobacco products other than cigarettes
- TA7 Used any smoked tobacco products during the last month
- TA8A Type of smoked tobacco product: Cigars
- TA8B Type of smoked tobacco product: Water pipe
- TA8C Type of smoked tobacco product: Cigarillos
- TA8D Type of smoked tobacco product: Pipe / Shesha
- TA8X Type of smoked tobacco product: Other
- TA8NR Type of smoked tobacco product: No response
- TA9 Number of days when tobacco products were smoked in past month
- TA10 Ever tried any form of smokeless tobacco products
- TA11 Used any smokeless tobacco products during the last month

TA12A Type of smokeless tobacco product used: Chewing tobacco  
TA12B Type of smokeless tobacco product used: Snuff  
TA12D Type of smokeless tobacco product used: Pan with Tobacco  
TA12E Type of smokeless tobacco product used: GUTKA  
TA12F Type of smokeless tobacco product used: NASWAR  
TA12G Type of smokeless tobacco product used: MAWA TOBACCO  
TA12H Type of smokeless tobacco product used: NAAS AND MAN PORI  
TA12X Type of smokeless tobacco product used: Other  
TA12NR Type of smokeless tobacco product used: No response  
TA13 Number of days when smokeless tobacco products were used in past month  
LS1 Estimation of overall happiness  
LS2 Satisfaction with ladder step  
LS3 Life satisfaction in comparison with last year  
LS4 Life satisfaction expectation one year from now  
HH4 Supervisor number  
HH6 Area  
WDOB Date of birth of woman (CMC)  
WDOM Date of marriage (CMC)  
WAGEM Age at first marriage  
WDOBFC Date of birth of first child (CMC)  
WDOBLC Date of birth of last child (CMC)  
MSTATUS Marital status  
CEB Children ever born  
CSURV Children surviving  
CDEAD Children dead  
wscore Combined wealth score  
windex5 Wealth index quintile  
windex10 Percentile Group of com1  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
windex10u Percentile Group of urb1  
wscorer Rural wealth score  
windex5r Rural wealth index quintile  
windex10r Percentile Group of rur1  
division Division  
majorcity majorcity  
hh6r Area

suburban  
 hh7 Districts  
 disability Functional difficulties (age 18-49 years)  
 welevel Education  
 insurance Health insurance  
 BH4D\_first Day of birth  
 BH4M\_first Month of birth  
 BH4Y\_first Year of birth  
 BH6\_first Age of child  
 BH3\_last Sex of newborns  
 BH4D\_last Day of birth  
 BH4M\_last Month of birth  
 BH4Y\_last Year of birth  
 BH6\_last Age of child  
 wmweight Woman's sample weight  
 stratum stratum  
 psu psu

#### Author(s)

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#### References

1. UNICEF MICS (<http://www.mics.unicef.org/surveys>).

#### Examples

```

# Loading PakPMICS2018wm
## Not run:
load(url(
  "https://github.com/myaseen208/PakPMICS2018Data/raw/master/PakPMICS2018wm.RData"
))
PakPMICS2018wm

## End(Not run)

```

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