

# Package ‘PakPMICS2014Ch’

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**Type** Package

**Title** Multiple Indicator Cluster Survey (MICS) 2014 Child  
Questionnaire Data for Punjab, Pakistan

**Version** 0.1.0

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**Description** Provides data set and functions for exploration of Multiple Indicator Cluster Survey (MICS) 2014 Child questionnaire data for Punjab, Pakistan (<<http://www.mics.unicef.org/surveys>>).

**Depends** R (>= 3.1)

**Imports** data.table, stats

**License** GPL-2

**URL** <https://github.com/MYaseen208/PakPMICS2014Ch>

**LazyData** TRUE

**RoxygenNote** 6.0.1

**NeedsCompilation** no

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MICS2014Ch

*Multiple Indicator Cluster Survey (MICS) 2014 Child Questionnaire  
Data for Punjab, Pakistan*

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**Description**

MICS2014Ch data of Child questionnaire, MICS Punjab, 2014.

**Usage**

data(MICS2014Ch)

**Format**

A data frame with 31083 rows and 270 variables:

HH1 Cluster number  
HH2 Household number  
LN Line number  
UF1 Cluster number  
UF2 Household number  
UF4 Child's line number  
UF6 Mother / Caretaker's line number  
UF7 Interviewer number  
UF8D Day of interview  
UF8M Month of interview  
UF8Y Year of interview  
UF9 Result of interview for children under 5  
UF10 Field editor  
UF11 Main data entry clerk  
UF12H Start of interview - Hour  
UF12M Start of interview - Minutes  
UF13H End of interview - Hour  
UF13M End of interview - Minutes  
AG1D Day of birth of child  
AG1M Month of birth of child  
AG1Y Year of birth of child  
AG2 Age of child  
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 In past week, days left alone for more than 1 hour
- EC3B In past week, days left with other child for more than 1 hour
- EC5 Attends early childhood education programme
- EC7AA Read books - Mother
- EC7AB Read books - Father
- EC7AX Read books - Other
- EC7AY Read books - No one
- EC7BA Tell stories - Mother
- EC7BB Tell stories - Father
- EC7BX Tell stories - Other
- EC7BY Tell stories - No one
- EC7CA Sang songs - Mother
- EC7CB Sang songs - Father
- EC7CX Sang songs - Other
- EC7CY Sang songs - No one
- EC7DA Took outside - Mother
- EC7DB Took outside - Father
- EC7DX Took outside - Other
- EC7DY Took outside - No one
- EC7EA Played with - Mother
- EC7EB Played with - Father
- EC7EX Played with - Other
- EC7EY Played with - No one
- EC7FA Named/counted - Mother
- EC7FB Named/counted - Father
- EC7FX Named/counted - Other
- EC7FY Named/counted - No one
- EC8 Child identifies at least ten letters of the alphabet
- EC9 Child reads at least four simple, popular words
- EC10 Child knows name and recognizes symbol of all numbers from 1-10
- EC11 Child able to pick up small object with 2 fingers
- EC12 Child sometimes too sick to play

- EC13 Child follows simple directions
- EC14 Child able to do something independently
- EC15 Child gets along well with other children
- EC16 Child kicks, bites or hits other children or adults
- EC17 Child gets distracted easily
- BD2 Child ever been breastfed
- BD3 Child still being breastfed
- BD4 Child drank anything else from the 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 soup (any type) yesterday
- BD7D Child drank milk such as tinned, powdered, fresh animal milk or Cured shake (Lasi) yesterday
- BD7DN Times child drank milk
- BD7E Child drank infant formula yesterday
- BD7EN Times child drank infant formula
- BD7F Child drank any other liquid yesterday
- BD8A Child drank or ate yogurt yesterday
- BD8AN Times drank or ate yogurt
- BD8B Child ate cerelac or any fortified baby food
- BD8C Child ate foods made from grains (Dalia etc)
- BD8D Child ate pumpkin, carrots, squash etc.
- BD8E Child ate white potatoes, white yams, manioc, turnip, spinach, green beans etc.
- BD8F Child ate green leafy vegetables
- BD8G Child ate ripe mangoes, papayas
- BD8H Child ate other fruits or vegetables
- BD8I Child ate liver, kidney, heart or other organ meat
- BD8J Child ate meat, such as beef, pork, lamb, goat, chicken, duck
- BD8K Child ate eggs
- BD8L Child ate fresh or dried fish or shellfish
- BD8M Child ate beans, lentils or nuts
- BD8N Child ate cheese or other food made from milk
- BD8O Child ate other solid, semi-solid or soft food yesterday
- BD11 Times child ate solid or semi-solid food
- IM1 Vaccination card for child
- IM2 Ever had vaccination card

IM3BD Day of BCG immunization  
IM3BM Month of BCG immunization  
IM3BY Year of BCG immunization  
IM3P0D Day of Polio at birth immunization  
IM3P0M Month of Polio at birth immunization  
IM3P0Y Year of Polio at birth immunization  
IM3P1D Day of Polio1 immunization  
IM3P1M Month of Polio1 immunization  
IM3P1Y Year of Polio1 immunization  
IM3P2D Day of Polio2 immunization  
IM3P2M Month of Polio2 immunization  
IM3P2Y Year of Polio2 immunization  
IM3P3D Day of Polio3 immunization  
IM3P3M Month of Polio3 immunization  
IM3P3Y Year of Polio3 immunization  
IM3T1D Day of PENTA1 immunization  
IM3T1M Month of PENTA1 immunization  
IM3T1Y Year of PENTA1 immunization  
IM3T2D Day of PENTA2 immunization  
IM3T2M Month of PENTA2 immunization  
IM3T2Y Year of PENTA2 immunization  
IM3T3D Day of PENTA3 immunization  
IM3T3M Month of PENTA3 immunization  
IM3T3Y Year of PENTA3 immunization  
IM3M1D Day measles1 or MMR immunization  
IM3M1M Month Measles1 or MMR immunization  
IM3M1Y Year of Measles1 or MMR immunization  
IM3M2D Day Measles2 or MMR immunization  
IM3M2M Month Measles2 or MMR immunization  
IM3M2Y Year Measles2 or MMR immunization  
IM5 Child received any other vaccinations  
IM6 Child ever received any vaccinations  
IM7 Child ever given BCG vaccination  
IM8 Child ever given Polio vaccination  
IM9 Polio first given just after birth or later  
IM10 Times child given Polio vaccination  
IM11 Child ever given DPT vaccination

IM12 Times child given DPT vaccination  
IM15A Child ever given Pentavalent vaccination  
IM15B Times child given Pentavalent vaccination  
IM16 Child ever given Measles or MMR vaccination  
IM19A Child participated in: Anti-Polio campaign - NID (—————)  
IM19B Child participated in: Mother and Child week (—————)  
IM19C Child participated in: Child Health Day (—————)  
VS1 Child received a Vitamin A dose within the last 6 months  
CA1 Child had diarrhoea in last 2 weeks  
CA2 Child drank less or more during illness  
CA3 Child ate less or more during illness  
CA3A Sought advice or treatment for the illness from any source  
CA3BA Place sought care: (public sector) Government hospital  
CA3BB Place sought care: (public sector) Government health center  
CA3BC Place sought care: (public sector) Government health post/dispensary  
CA3BD Place sought care: (public sector) Lady health worker (LHW)  
CA3BE Place sought care: (public sector) Mobile / Outreach clinic  
CA3BH Place sought care: Other public  
CA3BI Place sought care: Private hospital / clinic  
CA3BJ Place sought care: Private physician  
CA3BK Place sought care: Private pharmacy  
CA3BL Place sought care: Mobile clinic  
CA3B0 Place sought care: Other private medical  
CA3BP Place sought care: Relative / Friend  
CA3BQ Place sought care: Shop  
CA3BR Place sought care: Traditional practitioner  
CA3BX Place sought care: Other  
CA4A Drank fluid made from special packet (ORS)  
CA4B Pre-packaged ORS fluid for diarrhoea  
CA4BB Place where ORS was obtained  
CA4CA Child given zinc tablets  
CA4CB Child given zinc syrup  
CA4E Place where zinc was obtained  
CA4FA Child given home made fluid (boiled water, sugar and salt)  
CA4FB Child given home made fluid (Others - specify)  
CA5 Anything else given to treat the diarrhoea  
CA6A Other treatment (pill or syrup): Antibiotic

CA6B Other treatment (pill or syrup): Antimotility  
CA6G Other treatment (pill or syrup): Other (not antibiotic, antimotility or zinc)  
CA6H Other treatment (pill or syrup): Unknown  
CA6L Other treatment (injection): Antibiotic  
CA6M Other treatment (injection): Non-antibiotic  
CA6N Other treatment (injection): Unknown  
CA6O Other treatment: Intravenous  
CA6Q Other treatment: Home remedy/Herbal medicine  
CA6X Other treatment: Other  
CA6AA Child ill with fever in last 2 weeks  
CA6BB During fever blood was taken from his/her finger of heel  
CA7 Child ill with cough in last 2 weeks  
CA8 Difficulty breathing during illness with cough  
CA9 Symptoms due to problem in chest or blocked nose  
CA10 Sought advice or treatment for illness  
CA11A Place sought care: (public sector) Government hospital  
CA11B Place sought care: (public sector) Government health center  
CA11C Place sought care: (public sector) Government health post/dispensary  
CA11D Place sought care: (public sector) Lady health worker (LHW)  
CA11E Place sought care: (public sector) Mobile / Outreach clinic  
CA11H Place sought care: Other public  
CA11I Place sought care: Private hospital / clinic  
CA11J Place sought care: Private physician  
CA11K Place sought care: Private pharmacy  
CA11L Place sought care: Mobile clinic  
CA11O Place sought care: Other private medical  
CA11P Place sought care: Relative / Friend  
CA11Q Place sought care: Shop  
CA11R Place sought care: Traditional practitioner  
CA11X Place sought care: Other  
CA12 Given medicine to treat this illness  
CA13A Medicine: SP / Fansidar  
CA13B Medicine: Chloroquine  
CA13C Medicine: Amodiaquine  
CA13D Medicine: Quinine  
CA13E Medicine: Combination with Artemisinin  
CA13H Medicine: Other anti-malarial

CA13I Medicine: Antibiotic pill / syrup  
CA13J Medicine: Antibiotic injection  
CA13P Medicine: Paracetamol / Panadol / Acetaminophen  
CA13Q Medicine: Aspirin  
CA13R Medicine: Ibuprofen  
CA13X Medicine: Other  
CA13Z Medicine: DK  
CA13BB Place where antibiotics were obtained  
CA13DD Place where anti-malarials were obtained  
CA13EE When was anti-malarial first taken  
CA15 What was done to dispose of the stools  
AN1 Measurer's identification code  
AN2 Result of height / length and weight measurement  
AN3 Child's weight (kilograms)  
AN3A Child undressed to the minimum  
AN4 Child's length or height (centimetres)  
AN4A Child measured lying or standing  
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



HH6 Area (Original)  
HH7 District (Original)  
HL4 Sex  
ED4A Highest level of education attended  
ED4B Highest grade completed at that level  
CD0I 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  
melevel Mother's education  
division Division  
hh7r District  
hh6r Area  
suburban  
stratum Straum (Original)  
wscore Combined wealth score  
windex5 Wealth index quintile  
wscoreu Urban wealth score  
windex5u Urban wealth index quintile  
wscorer Rural wealth score  
windex5r Rural wealth index quintile  
chweight Children's sample weight

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**References**

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

**Examples**

data(MICS2014Ch)

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