

Supplementary File S1. RECORD statement checklist.

Manuscript: Family planning service use after the conversion of Basic Health Units into Maryam Nawaz Health Clinics in Punjab, Pakistan: an uncontrolled interrupted time series study

Checklist items are reproduced in abbreviated form from Benchimol EI, Smeeth L, Guttman A, Harron K, Moher D, Petersen I, et al. The REporting of studies Conducted using Observational Routinely-collected health Data (RECORD) statement. PLoS Med. 2015;12(10):e1001885. Item numbering follows RECORD Table 1, which extends the STROBE checklist; STROBE items are given by number and RECORD extension items by their RECORD designation.

Table 1. This is a table. Tables should be placed in the main text near the first time they are cited.

Section/Topic	Item	Recommendation (Abbreviated)	Reported on
Title and abstract	1	Study design indicated in title and abstract; balanced abstract summary	Title (“uncontrolled interrupted time series study”); Abstract
	RECORD 1.1	Type of data and name of database specified in title or abstract	Abstract (routinely collected monthly FP reports from the provincial district health information system)
	RECORD 1.2	Geographic region and time frame reported in title or abstract	Title (Punjab, Pakistan); Abstract (nine districts, June 2024 to May 2026)
	RECORD 1.3	Database linkage stated in title or abstract	Not applicable: no linkage performed (Section 2.7, Data quality and access)
Background rationale	2	Scientific background and rationale	Section 1 (Introduction)
Objectives	3	Specific objectives and prespecified hypotheses	Section 1, final paragraph; Section 2.6, Variables and definitions (prespecified primary outcome and seven exploratory outcomes)
Study design	4	Key elements of design presented early	Title; Abstract; Section 2.1, Study design and reporting
Setting	5	Setting, locations and relevant dates	Section 2.2, Setting and intervention; Section 2.5, Study periods
	6	Eligibility criteria and sources and methods of selection	Section 2.3, Facility selection
	RECORD 6.1	Codes or algorithms used to identify subjects listed in detail	Section 2.6: no codes or algorithms used; the indicator categories on the monthly FP report form were used as received
	RECORD 6.2	Validation studies of codes or algorithms referenced	Not applicable: no codes or algorithms used
Participants	RECORD 6.3	Flow diagram for database linkage	Not applicable: no linkage performed
	7	All outcomes, exposures, predictors, confounders and effect modifiers defined	Section 2.6, Variables and definitions
	RECORD 7.1	Complete list of codes and algorithms used to classify variables	Section 2.6: none used; explanation provided
Data sources/measurement	8	Sources of data and methods of assessment for each variable	Section 2.4, Data source and extraction; Section 2.6, Variables and definitions

Section/Topic	Item	Recommendation (Abbreviated)	Reported on
Bias	9	Efforts to address potential sources of bias	Section 2.5 (BHU reports from handover months excluded); Section 2.8 (facility random intercept, segmented model, paired fallback, Holm adjustment, two sensitivity analyses); Section 4, final paragraph (limitations)
Study size	10	How the study size was arrived at	Sections 2.3 and 2.5: all available facility-months for the nine study facilities (n = 199); no sample size calculation
Quantitative variables	11	Handling of quantitative variables in the analyses	Section 2.6 (shares and absolute counts); Section 2.8, Statistical analysis
Statistical methods	12	All statistical methods, subgroups, missing data, sensitivity analyses	Section 2.8, Statistical analysis; Section 2.7 (missing data); no subgroup analyses were performed
Data access and cleaning methods	RECORD 12.1	Extent of investigator access to the database population	Section 2.7, Data quality and access
	RECORD 12.2	Data cleaning methods used	Section 2.7, Data quality and access
Linkage	RECORD 12.3	Whether the study included data linkage, and linkage quality evaluation	Section 2.7: no linkage performed
Participants (results)	13	Numbers of units at each stage; reasons for non-participation	Section 3, first paragraph; Section 2.3 (no eligible facility excluded); notes to Tables 1 and 2
	RECORD 13.1	Detailed description of selection of persons included, including filtering on data quality, availability and linkage	Sections 2.3, 2.5 and 2.7; Section 3, first paragraph
Descriptive data	14	Characteristics of study units; missing data per variable	Section 2.2; Section 3, first paragraph; Section 2.7 (one missing month, Bahawalpur, June 2024); Table 3 note (eight facility-months with no method-specific users)
Outcome data	15	Numbers of outcome events or summary measures	Tables 1 and 2; Figures 1 and 2
Main results	16	Unadjusted and adjusted estimates with precision	Tables 1 and 2 (unadjusted means with adjusted differences, rate ratios and 95% CIs); Figures 1 and 4
Other analyses	17	Other analyses, including sensitivity analyses	Section 3, Reporting completeness and sensitivity analyses; Table 3; Figure 3; Supplementary Table S1
Key results	18	Key results summarized with reference to objectives	Section 4, first paragraph; Section 5, Conclusions
Limitations	19	Limitations, with direction and magnitude of potential bias	Section 4, final paragraph (limitations)
	RECORD 19.1	Implications of using data not created to answer the research question: misclassification, unmeasured confounding, missing data, changing eligibility	Section 4, paragraphs on suggestive findings and on reporting completeness; Section 4, final paragraph (limitations)

Section/Topic	Item	Recommendation (Abbreviated)	Reported on
Interpretation	20	Cautious overall interpretation considering multiplicity and other evidence	Section 4, Discussion; Section 5, Conclusions; Section 2.8 (Holm adjustment for multiplicity)
Generalizability	21	Generalizability of the study results	Section 4, final paragraph, last sentence
Funding	22	Source of funding and role of funders	Funding statement: no specific grant received
Accessibility of protocol, raw data and programming code	RECORD 22.1	Information on how to access supplemental information, raw data or programming code	Supplementary materials statement (Supplementary File S1; Supplementary Table S1); Data availability statement (data available from the corresponding author on reasonable request)