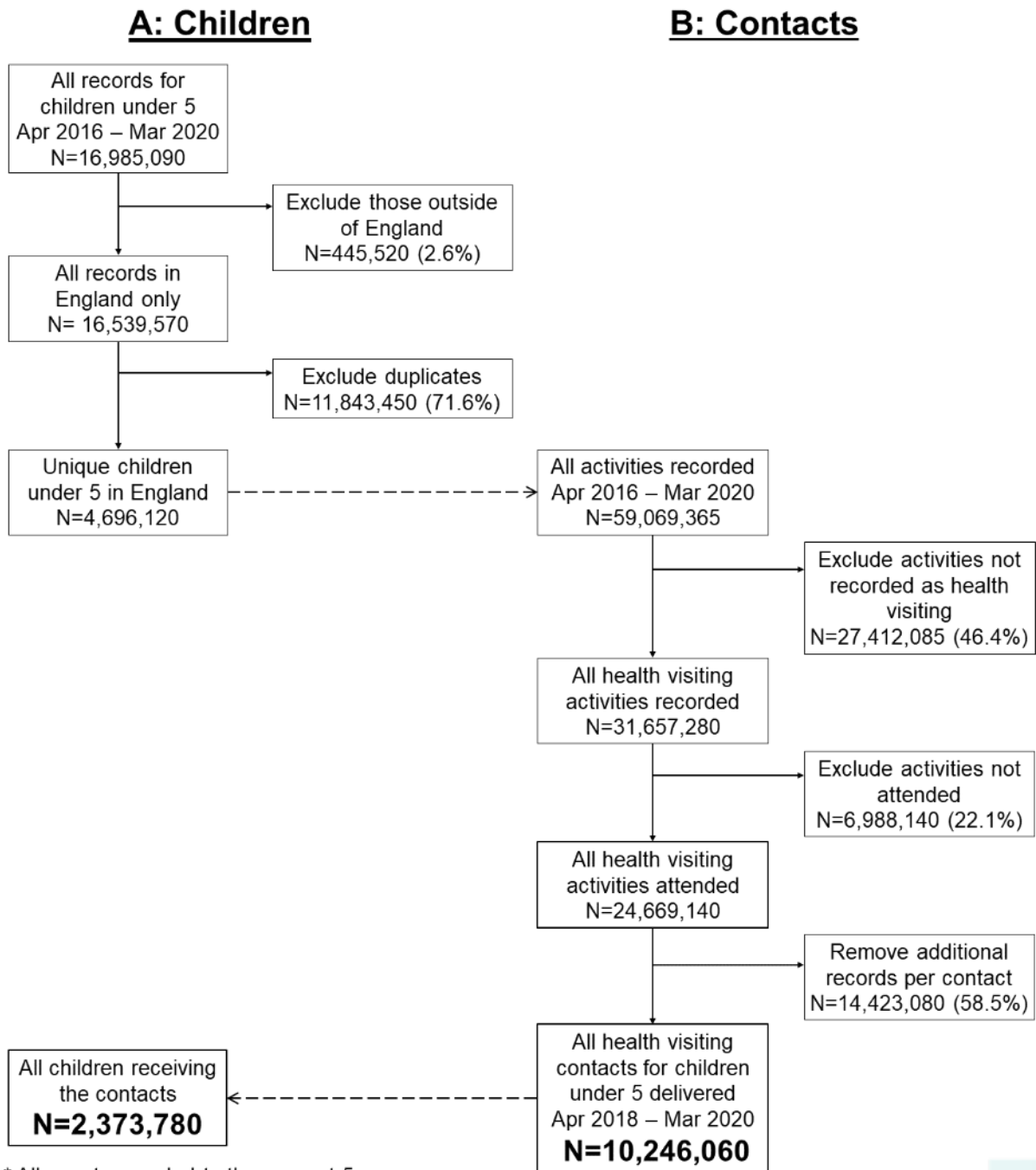


Supplementary Appendices

Supplementary Appendix 1: Identifying the eligible cohort of children (A) and their health visiting contacts (B) in Community Services Dataset from April 2016 to March 2020



* All counts rounded to the nearest 5



Supplementary Appendix 2: Proportion of LA-quarters and local authorities that were assessed as having complete health visiting data in Community Services Dataset between 2016/17 and 2019/20

Year	LA-quarters (N = 596 per year)		Local authorities (N = 149)	
	n	%	n	%
2016/17	24	4.0%	11	7.4%
2017/18	49	8.2%	23	15.4%
2018/19	75	12.6%	39	26.2%
2019/20	89	14.9%	43	28.9%
Overall	237	9.9%	63	42.3%

LA = local authority. Complete data was defined as being within +/-15% of the reference Health Visitor Service Delivery Metrics for the specified local authority and quarter.

Supplementary Appendix 3: Missingness for key variables related to health visiting service delivery in Community Service Dataset for local authorities with complete data, 2016/17 to 2019/20

	Contacts with missing data		Range of missing data by LA		LAs with <20% missing data	
	n	%	Min	Max	n	%
Contact characteristics						
Duration (minutes)	247,110	9.3%	1.3%	100.0%	56	88.9%
Medium (e.g. face-to-face, phone)	177,420	6.7%	2.5%	99.9%	50	79.4%
Group therapy contact (yes/no)	416,420	15.6%	0.7%	99.9%	49	77.8%
Person who was the subject of the contact (i.e. patient or proxy)	86,905	3.3%	1.0%	100.0%	55	87.3%
Location of face-to-face contacts	341,340	16.3%	0.5%	99.9%	51	81.0%
Distance from home to contact location	2,286,620	85.7%	0.0%	99.1%	8	12.7%
Staff and service characteristics						
Staff type	2,155,715	80.8%	0.0%	97.8%	5	7.9%
Registration body	2,151,355	80.7%	0.0%	90.4%	4	6.3%
Occupation type	2,599,445	97.5%	0.0%	89.2%	1	1.6%
Job role	2,115,880	79.3%	0.1%	89.4%	5	7.9%
Provider organisation code	0	0.0%	n/a	n/a	63	100.0%
Commissioner organisation code	25,700	1.0%	6.0%	100.0%	61	96.8%

LA = local authority. N = 2,666,845 for contacts; 2,096,650 for face-to-face-contacts; 63 for local authorities.

