

Supplementary table 2 Data key indicators 2015-2017.xlsx

MOU = midwife obstetric unit    FSB= fresh stillbirth    MAS= meconium aspiration    BA=Birth asphyxia

## 2015

### Intervention MOUs

MOU A	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	130	143	139	133	132	131	131	111	123	104	103	114	1494
In-facility fresh stillbirths	2015	1	1	0	3	0	2	0	0	2	0	1	2	12
Meconium aspiration	2015	0	0	0	0	0	1	2	1	0	0	0	0	4
Birth asphyxia	2015	1	1	1	0	2	2	2	1	1	1	0	0	12

MOU B	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	35	40	41	35	31	32	32	36	37	22	21	24	386
In-facility fresh stillbirths	2015	0	0	0	0	1	0	0	0	0	1	1	0	3
Meconium aspiration	2015	0	0	0	0	0	0	1	0	0	1	1	0	3
Birth asphyxia	2015	4	1	2	1	2	2	1	1	1	1	1	0	17

MOU C	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	118	114	125	97	93	107	118	136	90	91	92	98	1279
In-facility fresh stillbirths	2015	1	1	0	0	0	2	0	2	1	2	0	2	11
Meconium aspiration	2015	4	7	3	5	2	3	5	0	0	0	1	1	31
Birth asphyxia	2015	3	2	2	1	2	2	3	3	1	1	3	1	24

MOU D	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	53	56	48	57	66	64	58	46	57	40	55	58	658
In-facility fresh stillbirths	2015	0	0	0	3	0	0	1	0	3	0	0	0	7
Meconium aspiration	2015	2	0	1	2	0	0	1	1	0	1	1	1	10
Birth asphyxia	2015	0	0	0	0	0	0	1	1	0	0	0	0	2

MOU E	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	146	68	56	80	55	41	51	49	41	45	42	53	727
In-facility fresh stillbirths	2015	0	0	0	1	1	0	0	0	1	0	1	1	5
Meconium aspiration	2015	1	0	1	0	2	0	0	1	0	0	1	0	6
Birth asphyxia	2015	1	0	0	0	0	1	2	0	0	0	0	0	4

MOU A - E: TOTALS	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2015	482	421	409	402	377	375	390	378	348	302	313	347	4544
Live births in facility	2015	480	419	409	395	375	371	389	376	341	299	310	342	4506
In-facility fresh stillbirths	2015	2	2	0	7	2	4	1	2	7	3	3	5	38
Meconium aspiration	2015	7	7	5	7	4	4	9	3	0	2	4	2	54
Birth asphyxia	2015	9	4	5	2	6	7	9	6	3	3	4	1	59

### Control MOUs

MOU F	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	51	51	77	94	78	83	85	89	80	69	71	60	888
In-facility fresh stillbirths	2015	1	1	3	0	0	4	1	0	0	2	0	2	14
Meconium aspiration	2015	0	0	0	0	1	0	0	1	0	0	1	0	3
Birth asphyxia	2015	0	0	1	0	0	1	1	1	5	2	0	1	12

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<b>MOU G</b>	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	20	33	58	47	43	37	44	38	53	48	39	37	497
In-facility fresh stillbirths	2015	0	0	1	1	0	0	0	0	0	0	0	0	2
Meconium aspiration	2015	0	0	0	0	0	1	0	0	0	0	0	0	1
Birth asphyxia	2015	1	0	0	0	1	0	1	1	0	0	1	1	6

<b>MOU H</b>	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	109	105	130	118	131	122	87	114	121	86	117	96	1336
In-facility fresh stillbirths	2015	1	0	2	0	0	1	0	0	1	0	0	1	6
Meconium aspiration	2015	1	0	0	0	0	0	0	0	1	0	0	0	2
Birth asphyxia	2015	0	0	0	1	0	0	0	1	0	0	0	1	3

<b>MOU I</b>	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	76	66	63	76	60	60	68	53	67	46	71	57	763
In-facility fresh stillbirths	2015	1	0	1	1	0	0	1	0	1	0	1	0	6
Meconium aspiration	2015	0	0	1	2	0	0	0	0	1	0	0	0	4
Birth asphyxia	2015	1	0	0	1	0	0	1	0	0	0	1	1	5

<b>MOU J</b>	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2015	73	37	38	58	49	55	49	43	45	48	48	53	596
In-facility fresh stillbirths	2015	0	0	1	2	0	1	0	0	1	0	1	0	6
Meconium aspiration	2015	0	0	1	2	0	0	0	0	1	0	0	0	4
Birth asphyxia	2015	0	0	0	3	0	1	0	0	0	0	0	0	4

<b>MOU F - H: TOTALS</b>	2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2015	329	292	366	393	361	357	333	337	366	297	346	303	4080
Live births in facility	2015	326	291	358	389	361	351	331	337	363	295	344	300	4046
In-facility fresh stillbirths	2015	3	1	8	4	0	6	2	0	3	2	2	3	34
Meconium aspiration	2015	1	0	2	4	1	1	0	1	3	0	1	0	14
Birth asphyxia	2015	2	0	1	5	1	2	3	3	5	2	2	4	30

## 2016

### Intervention MOUs

<b>MOU A</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	114	119	154	130	133	123	127	104	124	92	110	129	1459
In-facility fresh stillbirths	2016	0	0	0	0	1	1	1	1	0	0	0	0	4
Meconium aspiration	2016	0	1	0	2	0	0	0	0	2	1	0	0	6
Birth asphyxia	2016	0	1	1	0	0	1	0	2	0	0	0	0	5

<b>MOU B</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	27	30	24	46	34	36	0	0	0	0	0	24	221
In-facility fresh stillbirths	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Birth asphyxia	2016	0	0	0	0	1	2	0	0	0	0	0	0	3

<b>MOU C</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	85	92	106	101	106	116	122	132	134	96	128	121	1339
In-facility fresh stillbirths	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2016	0	2	0	1	0	0	1	2	0	1	0	1	8
Birth asphyxia	2016	0	4	0	0	1	0	0	4	0	0	1	0	10

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<b>MOU D</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	50	57	49	44	47	56	41	42	41	41	46	60	574
In-facility fresh stillbirths	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Birth asphyxia	2016	0	0	2	0	0	0	1	0	0	1	0	0	4

<b>MOU E</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	49	50	59	48	42	40	44	44	63	59	64	56	618
Stillbirths in facility	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2016	0	0	0	0	0	0	0	0	1	0	0	0	1
Birth asphyxia	2016	0	0	1	0	0	0	0	0	0	0	0	0	1

<b>MOU A - E: TOTALS</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2016	325	348	392	369	362	371	334	322	362	288	348	390	4211
Live births in facility	2016	325	348	392	369	361	370	333	321	362	288	348	390	4207
In-facility fresh stillbirths	2016	0	0	0	0	1	1	1	1	0	0	0	0	4
Meconium aspiration	2016	0	3	0	3	0	0	1	2	3	2	0	1	15
Birth asphyxia	2016	0	5	4	0	2	3	1	6	0	1	1	0	23

## Control MOUs

<b>MOU F</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	63	88	88	63	70	69	77	76	85	83	71	69	902
In-facility fresh stillbirths	2016	0	0	0	0	0	1	1	0	2	0	1	4	9
Meconium aspiration	2016	0	0	0	0	0	0	0	0	1	1	1	0	3
Birth asphyxia	2016	0	0	0	0	0	0	1	0	0	0	1	1	3

<b>MOU G</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	47	39	36	33	41	32	32	40	34	26	42	36	438
In-facility fresh stillbirths	2016	0	0	0	0	0	0	0	0	1	0	0	0	1
Meconium aspiration	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
Birth asphyxia	2016	0	0	0	0	0	0	0	0	0	0	0	0	0

<b>MOU H</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	104	100	103	126	123	109	96	126	126	118	122	107	1360
In-facility fresh stillbirths	2016	0	0	0	0	0	0	0	0	1	0	0	1	2
Meconium aspiration	2016	0	0	2	0	0	0	0	0	0	0	0	0	2
Birth asphyxia	2016	1	0	2	0	0	0	0	1	1	0	1	0	6

<b>MOU I</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	41	47	62	67	42	43	35	33	31	36	28	34	499
In-facility fresh stillbirths	2016	0	0	0	0	0	0	1	0	1	0	1	0	3
Meconium aspiration	2016	0	1	0	0	0	0	0	0	2	0	0	2	5
Birth asphyxia	2016	0	1	1	1	0	0	0	0	1	2	0	0	6

<b>MOU J</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2016	60	54	59	56	53	58	63	53	53	51	48	78	686
In-facility fresh stillbirths	2016	0	0	1	2	0	0	0	0	0	0	0	0	3
Meconium aspiration	2016	0	0	0	0	3	2	1	0	1	0	0	0	7
Birth asphyxia	2016	0	0	1	0	0	2	0	1	0	0	0	0	4

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<b>MOU F - H: TOTALS</b>	2016	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2016	315	328	348	345	329	311	303	328	329	314	311	324	3885
Live births in facility	2016	315	328	347	343	329	310	301	328	324	314	309	319	3867
In-facility fresh stillbirths	2016	0	0	1	2	0	1	2	0	5	0	2	5	18
Meconium aspiration	2016	0	1	2	0	3	2	1	0	4	1	1	2	17
Birth asphyxia	2016	1	1	4	1	0	2	1	2	2	2	2	1	19

## 2017

### Intervention MOUs

<b>MOU A</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	129	109	183	124	118	116	108	104	137	104	122	115	1469
In-facility fresh stillbirths	2017	1	0	0	0	0	0	0	0	0	0	0	0	1
Meconium aspiration	2017	0	1	0	0	0	1	1	1	0	1	0	0	5
Birth asphyxia	2017	2	1	0	1	0	0	0	0	1	0	0	0	5

<b>MOU B</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	20	23	33	33	35	30	24	27	25	31	35	28	344
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2017	0	0	0	0	0	0	1	0	0	0	0	0	1
Birth asphyxia	2017	0	0	0	1	0	0	0	0	0	0	1	0	2

<b>MOU C</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	90	80	110	85	96	99	61	66	85	91	95	119	1077
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2017	0	0	1	1	0	0	0	2	0	0	0	0	4
Birth asphyxia	2017	1	1	2	0	0	2	1	1	0	0	0	0	8

<b>MOU D</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	49	36	51	52	59	49	42	45	38	33	39	52	545
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2017	0	0	0	1	0	1	0	0	0	0	0	0	2
Birth asphyxia	2017	0	1	0	1	0	0	0	0	1	0	0	0	3

<b>MOU E</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	56	51	67	53	59	48	33	50	53	48	42	54	614
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	1	0	0	0	1
Meconium aspiration	2017	0	0	0	0	1	0	0	0	2	0	0	0	3
Birth asphyxia	2017	0	0	1	2	0	0	0	0	0	0	0	0	3

<b>MOU A - E: TOTALS</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2017	344	299	444	347	367	342	268	292	338	307	333	368	4049
Live births in facility	2017	343	299	444	347	367	342	268	292	337	307	333	368	4047
In-facility fresh stillbirths	2017	1	0	0	0	0	0	0	0	1	0	0	0	2
Meconium aspiration	2017	0	1	1	2	1	2	2	3	2	1	0	0	15
Birth asphyxia	2017	3	3	3	5	0	2	1	1	2	0	1	0	21

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**Control MOUs**

<b>MOU F</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	66	76	72	71	84	90	52	79	71	69	70	75	875
In-facility fresh stillbirths	2017	2	0	1	0	0	0	0	1	0	0	0	1	5
Meconium aspiration	2017	0	0	0	0	1	0	0	0	0	1	0	0	2
Birth asphyxia	2017	0	1	1	0	0	0	2	1	2	1	0	1	9

<b>MOU G</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	33	32	44	41	60	40	47	46	43	43	47	53	529
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2017	0	0	0	0	0	1	0	0	1	0	0	0	2
Birth asphyxia	2017	1	1	0	0	2	0	0	0	0	0	0	3	7

<b>MOU H</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	110	95	116	138	110	105	136	123	109	118	121	117	1398
In-facility fresh stillbirths	2017	0	0	0	0	0	0	1	1	0	0	0	0	2
Meconium aspiration	2017	0	0	1	0	0	1	0	0	0	0	0	0	2
Birth asphyxia	2017	0	1	1	2	0	0	0	0	0	0	0	0	4

<b>MOU I</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	31	28	32	29	28	18	27	18	23	23	21	13	291
In-facility fresh stillbirths	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
Meconium aspiration	2017	0	0	1	0	0	0	0	0	0	0	0	0	1
Birth asphyxia	2017	1	1	0	0	0	0	0	0	0	0	0	0	2

<b>MOU J</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Total births in facility	2017	45	56	50	72	51	58	54	67	82	68	62	67	732
In-facility fresh stillbirths	2017	0	0	0	0	0	1	1	0	0	0	1	0	3
Meconium aspiration	2017	0	0	1	0	0	0	0	2	0	0	0	0	3
Birth asphyxia	2017	1	2	1	4	0	0	2	2	4	0	1	0	17

<b>MOU F - H: TOTALS</b>	2017	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Births	2017	285	287	314	351	333	311	316	333	328	321	321	325	3825
Live births in facility	2017	283	287	313	351	333	310	314	331	328	321	320	324	3815
In-facility fresh stillbirths	2017	2	0	1	0	0	1	2	2	0	0	1	1	10
Meconium aspiration	2017	0	0	3	0	1	2	0	2	1	1	0	0	10
Birth asphyxia	2017	3	6	3	6	2	0	4	3	6	1	1	4	39