

MEMORANDUM OF UNDERSTANDING

Amendment #9

Contract # 000000000000000000032479

This Amendment to the Memorandum of Understanding (“**Amendment**” or “**MOU**”) is entered into by and between the Indiana Family and Social Services Administration (“**FSSA**”) and Indiana Department of Health (“**IDOH**”). In consideration of those mutual undertakings, the parties agree as follows:

This MOU sets forth conditions for data exchanges between FSSA and IDOH.

In consideration of those mutual undertakings, the parties agree as follows

- 1.) **APPENDIX 17**, which describes the **Data Exchange** described below between the Indiana Department of Health (IDOH) and the Indiana Family & Social Services Administration (FSSA). Appendix 17 (version 1.0), which details the vital records data being exchanged between IDOH and FSSA in support of the Maternal Opioid Misuse Indiana Initiative (MOMII), is hereby superseded with **Appendix 17 (version 2.0)**, which is attached hereto and incorporated herein. **Appendix 17 (version 2.0)** is effective June 24, 2022.
- 2.) The updated **SUMMARY OF APPENDICES**, which supersedes the Summary of Appendices added by Amendment #9, is attached hereto, and incorporated herein and provides the updated enumeration of existing appendices and lists one new appendix that is added to this MOU under this Amendment.

All matters set forth in the original Service Contract and not affected by this Amendment shall remain in full force and effect.

In Witness Whereof, Indiana Department of Health and the Indiana Family and Social Services Administration have, through their duly authorized representatives, entered into this Memorandum. The parties, having read and understood the foregoing terms of this Memorandum, do by their respective signatures dated below agree to the terms thereof.

Indiana Department of Health

Indiana Family and Social Services Administration

By:

By:

Title: IDOH Chief of Staff

Title: Chief of Staff, FSSA

Date: 8/3/2022 | 10:17 EDT

Date: 8/3/2022 | 11:27 EDT

Electronically Approved by: Indiana Office of Technology By: _____ (for) Tracy E. Barnes, Chief Information Officer	Electronically Approved by: State Budget Agency By: _____ (for) Zachary Q. Jackson, Director
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Summary of Appendices

Appendix 17

Section 1. This is an appendix to the above referenced Agreement with respect to the data exchange described below between the Indiana Department of Health (IDOH) and the Indiana Family & Social Services Administration (FSSA). This Appendix—check the box that applies:

- Is a new Appendix to the Agreement #32479.
- Replaces Appendix _17___, Version _1__ (update Version Number)
- Removes Appendix _____ per the mutual written agreement of the parties as signed below effective _____ (mm/dd/yyyy)—remove data exchange table and sign in Section 3 below.

Section 2. Data Exchange Table

Information	Description
Associated Program	FSSA: <ul style="list-style-type: none"> FSSA/ Maternal Opioid Misuse Indiana Initiative (MOMII) also known as Indiana Pregnancy Promise Program IDOH Vital Records
General Description of the Data being requested.	IDOH will provide FSSA with a copy of its vital records from its IDRS (Indiana Death Registry System) and IBRS (Indiana Birth Registry System) to be used by the identified FSSA divisions as described in this Appendix.
Business Justification	<u>FSSA/ Maternal Opioid Misuse Indiana Initiative (MOMII)</u> : The MOM Model evaluation team (Insight Policy Research—Insight) is requesting that MOM Model awardees provide data from their States’ vital records systems. Identifiable, person-level outcome data recorded in states’ vital record systems are critical for the evaluation of the MOM Model. This request is in line with the Maternal Opioid Misuse Model Notice of Funding Opportunity and Section 24.a (Evaluation) of the MOM Model Program Terms and Conditions, which indicate awardees will provide the evaluation contractor “authorization from beneficiaries for themselves and their infants to access/transmit individual-level, identified vital records data.”
Legal Authority	The data maintained by IDOH in its Indiana Birth Registration System (IBRS) and Indiana Death Registration System (IDRS) databases may be disclosed to FSSA pursuant to IC 16-37-1-10(a)(3). IDOH has authority to disclose Social Security numbers to another State agency pursuant to IC 4-1-10-4. The use of IBRS and IDRS information by FSSA is required or permitted under IC 12-21-2-3, IC 12-21-2-8, IC 12-11-2.4-4, and 42 CFR 441.302(a).
Agency Business Contacts	IDOH Contacts: Alpa Mistry, State Program Director Data Quality and Analytics Division of Vital Records, AMistry@IDOH.in.gov , 317-234-6481

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	FSSA/MOMII Contacts: Merih Bennett, Medicaid Data Strategist, merih.bennett@fssa.in.gov 317-220-1318
Data Exchange Technical Contacts	<p>IDOH Contacts: Alpa Mistry, State Program Director Data Quality and Analytics Division of Vital Records, AMistry@IDOH.in.gov, 317-234-6481</p> <p>FSSA Contacts: Mark Wiley, Senior Manager, Data & Analytics, Jon.Wiley@fssa.IN.gov (317.232.4308); DataWarehouse.Communication@fssa.IN.gov">DataWarehouse.Communication@fssa.IN.gov; Data.Analytics@fssa.IN.gov">Data.Analytics@fssa.IN.gov For DMHA: Ryan McClain, Database Analyst, Sr. (317.232.7905), ryan.mcclain@fssa.in.gov, and William Sweeney, Application Systems Analyst/Programmer Supervisor - Support Team Lead (317.232.7879), william.sweeney@fssa.in.gov</p> <p>MOMII Contacts: Tim McFarlane timothy.mcfarlane@fssa.in.gov</p>
Records (data) deemed confidential by Sending Party (IC 4-1-6-8.5(2))	Yes
Sending Party	IDOH/Vital Records
Receiving Party	FSSA Data Warehouse (note: FSSA Data Warehouse, in concert with IOT [BizTalk], facilitates the provision of the vital records data to the appropriate FSSA division) FSSA MOMII will go to Azure in concert with IOT BizTalk
Contact for Expert Judgement	To be determined by FSSA upon request.
Data Exchange Term	Duration of MOU
Sending System(s)	IDOH IBRS and IDRS systems.
Receiving System(s)	FSSA/MOMII: Azure
Frequency of data exchange	Nightly to capture all IBRS and IDRS updates for the prior 24 hours with the exception of the MOMII data which will be sent quarterly starting Q2 2021.

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Data Selection Criteria	All new birth and death data entered into IBRS and IDRS, respectively, since the prior exchange.																																																																																
Data Exchange Method	BizTalk Enterprise Service Bus (managed by IOT) will query and select the data from the IBRS and IDRS systems and then populate the applicable databases or provide secure input files as identified above under Receiving Systems. FSSA Data Warehouse, IOT, and IDOH will collaborate on technical exchange details.																																																																																
Meta Data	<table border="1"> <thead> <tr> <th><u>Birth Record Data</u></th> <th><u>Variable Description</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Combined gestation, detail in weeks</td> <td>Infant</td> </tr> <tr> <td>2</td> <td>Birth weight, detail in grams</td> <td>Infant</td> </tr> <tr> <td>3</td> <td>Admission to neonatal intensive care</td> <td>Infant</td> </tr> <tr> <td>4</td> <td>Five-minute APGAR score</td> <td>Infant</td> </tr> <tr> <td>5</td> <td>Infant transferred</td> <td>Infant</td> </tr> <tr> <td>6</td> <td>Infant breastfed at discharge</td> <td>Infant</td> </tr> <tr> <td>7</td> <td>Abnormal infant conditions: Assisted ventilation (immediately)</td> <td>Infant</td> </tr> <tr> <td>8</td> <td>Abnormal infant conditions: Assisted ventilation >6 hr</td> <td>Infant</td> </tr> <tr> <td>9</td> <td>Abnormal infant conditions: Surfactant</td> <td>Infant</td> </tr> <tr> <td>10</td> <td>Abnormal infant conditions: Antibiotics for newborn</td> <td>Infant</td> </tr> <tr> <td>11</td> <td>Abnormal infant conditions: Seizures</td> <td>Infant</td> </tr> <tr> <td>12</td> <td>Abnormal infant conditions: Neonatal abstinence syndrome</td> <td>Infant</td> </tr> <tr> <td>13</td> <td>No abnormal conditions checked</td> <td>Infant</td> </tr> <tr> <td>14</td> <td>Birth year</td> <td>Birth</td> </tr> <tr> <td>15</td> <td>Birth month</td> <td>Birth</td> </tr> <tr> <td>16</td> <td>Time of birth</td> <td>Birth</td> </tr> <tr> <td>17</td> <td>Birth day of week</td> <td>Birth</td> </tr> <tr> <td>18</td> <td>Birth place (hospital, home, clinic, ...)</td> <td>Birth</td> </tr> <tr> <td>19</td> <td>Labor/delivery characteristics: Anesthesia</td> <td>Birth</td> </tr> <tr> <td>20</td> <td>Method of delivery: Final route and method of delivery</td> <td>Birth</td> </tr> <tr> <td>21</td> <td>Method of delivery: Trial of labor attempted (if cesarean) (yes, no, unknown)</td> <td>Birth</td> </tr> <tr> <td>22</td> <td>Maternal morbidity: Maternal transfusion</td> <td>Birth</td> </tr> <tr> <td>23</td> <td>Maternal morbidity: Perineal laceration</td> <td>Birth</td> </tr> <tr> <td>24</td> <td>Ruptured uterus</td> <td>Birth</td> </tr> <tr> <td>25</td> <td>Maternal morbidity: Unplanned hysterectomy</td> <td>Birth</td> </tr> </tbody> </table>			<u>Birth Record Data</u>	<u>Variable Description</u>		1	Combined gestation, detail in weeks	Infant	2	Birth weight, detail in grams	Infant	3	Admission to neonatal intensive care	Infant	4	Five-minute APGAR score	Infant	5	Infant transferred	Infant	6	Infant breastfed at discharge	Infant	7	Abnormal infant conditions: Assisted ventilation (immediately)	Infant	8	Abnormal infant conditions: Assisted ventilation >6 hr	Infant	9	Abnormal infant conditions: Surfactant	Infant	10	Abnormal infant conditions: Antibiotics for newborn	Infant	11	Abnormal infant conditions: Seizures	Infant	12	Abnormal infant conditions: Neonatal abstinence syndrome	Infant	13	No abnormal conditions checked	Infant	14	Birth year	Birth	15	Birth month	Birth	16	Time of birth	Birth	17	Birth day of week	Birth	18	Birth place (hospital, home, clinic, ...)	Birth	19	Labor/delivery characteristics: Anesthesia	Birth	20	Method of delivery: Final route and method of delivery	Birth	21	Method of delivery: Trial of labor attempted (if cesarean) (yes, no, unknown)	Birth	22	Maternal morbidity: Maternal transfusion	Birth	23	Maternal morbidity: Perineal laceration	Birth	24	Ruptured uterus	Birth	25	Maternal morbidity: Unplanned hysterectomy	Birth
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26	Maternal morbidity: Admit to intensive care	Birth
27	Maternal morbidity: No maternal morbidity reported	Birth
28	Mother's race	Mother
29	Mother's race/Hispanic origin	Mother
30	Mother's education	Mother
31	Marital status	Mother
32	Prior births, now living	Mother
33	Prior births, now dead	Mother
34	Prior other terminations	Mother
35	Total birth order	Mother
36	Special Supplemental Nutrition Program for Women, Infants, and Children (yes/no)	Mother
37	Month prenatal care began	Mother
38	Number of prenatal visits	Mother
39	Cigarettes before pregnancy (n daily)	Mother
40	Mother's BMI	Mother
41	Weight gain	Mother
42	Risk factors: Prepregnancy diabetes	Mother
43	Risk factors: Gestational diabetes	Mother
44	Risk factors: Prepregnancy hypertension	Mother
45	Risk factors: Gestational hypertension	Mother
46	Risk factors: Hypertension eclampsia	Mother
47	Infection present: Gonorrhea	Mother
48	Infection present: Syphilis	Mother
49	Infection present: Chlamydia	Mother
50	Infection present: Hepatitis B	Mother
51	Infection present: Hepatitis C	Mother
52	Mother's nativity	Mother
53	Residence status (resident, intrastate nonresident, foreign resident, ...)	Mother
54	Residence country	Mother
55	Mother's residence country	Mother
56	Father's Age	Father
57	Father's Race	Father
58	Father's Race/Hispanic Origin	Father
59	Father's Education	Father
60	Obstetric procedures: Successful external cephalic version	Birth
61	Obstetric procedures: Failed external cephalic version	Birth

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62	Labor/delivery characteristics: Induction of labor	Birth
63	Labor/delivery characteristics: Augmentation of labor	Birth
64	Labor/delivery characteristics: Steroids	Birth
65	Labor/delivery characteristics: Antibiotics	Birth
66	Labor/delivery characteristics: Chorioamnionitis	Birth
67	Method of delivery: Fetal presentation at delivery (cephalic, breech, other, unknown)	Birth
68	Method of delivery: Trial of labor attempted (if cesarean) (yes, no, unknown)	Birth
69	Mother transferred	Birth
70	Payment source for delivery (Medicaid, private insurance, self-pay, Indian Health Service, Civilian Health and Medical Program of the Uniformed Services, other, ...)	Birth
71	Ten-minute APGAR score	Infant
72	Sex of infant	Infant
73	Obstetric estimate edited	Infant
74	Congenital anomalies of infant: Anencephaly	Infant
75	Congenital anomalies of infant: Meningomyelocele/spina bifida	Infant
76	Congenital anomalies of infant: Cyanotic congenital heart disease	Infant
77	Congenital anomalies of infant: Congenital diaphragmatic hernia	Infant
78	Congenital anomalies of infant: Omphalocele	Infant
79	Congenital anomalies of infant: Gastroschisis	Infant
80	Congenital anomalies of infant: Limb reduction defect	Infant
81	Congenital anomalies of infant: Cleft lip with or without cleft palate	Infant
82	Congenital anomalies of infant: Cleft palate alone	Infant
83	Congenital anomalies of infant: Down syndrome	Infant
84	Congenital anomalies of infant: Suspected chromosomal disorder	Infant
85	Congenital anomalies of infant:	Infant

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	Hypospadias	
86	Congenital anomalies of infant: No congenital anomalies checked	Infant
87	Infant living at time of report	Infant
88	Live birth order	Mother
89	Interval since last live birth	Mother
90	Interval since last pregnancy	Mother
91	Cigarettes first trimester (n daily)	Mother
92	Cigarettes second trimester (n daily)	Mother
93	Cigarettes third trimester (n daily)	Mother
94	Mother's height in total inches	Mother
95	Pre-pregnancy weight	Mother
96	Delivery weight	Mother
97	Risk factors: Previous preterm birth	Mother
98	Risk factors: Infertility treatment used	Mother
99	Risk factors: Fertility-enhancing drugs	Mother
100	Risk factors: Assisted reproductive technology	Mother
101	Risk factors: Previous cesarean	Mother
102	Risk factors: Number of previous cesareans	Mother
103	Risk factors: No risk factors reported	Mother
	<u>Fetal Death Records Data</u>	
1	Gestation, detail in weeks	Infant
2	Birth weight, detail in grams	Infant
3	Estimated time of fetal death (at assessment, no labor; at assessment, labor; labor, no assessment; unknown)	Infant
4	Age at death in days	Infant
5	Manner of death	Infant
6	Underlying cause of death: ICD 10 code	Infant
7	Multiple conditions: Entity-axis conditions (1–20)	Infant
8	Year of death	Infant
9	Month of death	Infant
10	Occurrence postal State	Infant

Summary of Appendices

	Maternal Death Records Data		
	1	Date of Death	Mother
	2	Age at death in years	Mother
	3	Manner of death	Mother
	4	Place of death (e.g. inpatient, outpatient, residential)	Mother
	5	Underlying cause of death: ICD 10 code	Mother
	6	Contributing causes of death: ICD 10 codes	Mother
	7	Mother's race	Mother
	8	Mother's race/Hispanic origin	Mother
Version Number	2.0		
Version Date	June 24, 2022		

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