Supplemental Online Content

Jeung C, Attanasio LB, Geissler KH. Transitions in health insurance during the perinatal period among patients with continuous insurance coverage. *JAMA Netw Open*. 2022;5(11):e2239803. doi:10.1001/jamanetworkopen.2022.39803

eFigure 1. Sample Restriction Criteria

eFigure 2. Percentage of Deliveries with Same Insurance Type vs. Different Insurance Type at 2, 6, and 12 Months Postpartum

eFigure 3. Postpartum Insurance Changes

eFigure 4. Insurance Transitions for Individuals Insured by a Marketplace Plan at Any Time Point

eTable 1. Full Regression Results for Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Any Transition)

eTable 2. Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Pre-Delivery Transition)

eTable 3. Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Postpartum Transition)

eTable 4. Predicted Probabilities for Sensitivity Analysis to Sample Limitation of Deliveries Before March 2017

This supplemental material has been provided by the authors to give readers additional information about their work.
eFigure 1. Sample Restriction Criteria

**166,373 deliveries** to birthing individuals aged 18-44 between January 1, 2015 to December 31, 2017. (156,734 unique IDs)

**5,323 deliveries excluded**
- 4,083 errors in age
- 683 errors in sex/gender (more than one sex/gender)
- 557 errors in Medicaid & Health Safety Net indicator

**161,050 deliveries** without potential errors in data entry.

**63,715 deliveries excluded**
- 7,175 without primary insurance status in month of delivery
- 17,611 Massachusetts non-residents in month of delivery
- 37,667 without primary insurance coverage for full 12 months before and after delivery
- 1,183 Massachusetts non-residents at any time 12 months before and after delivery
- 52 missing primary insurance type information at any time 12 months before and after delivery
- 27 insured with other insurance types

**97,335 deliveries** in the final analytic sample (91,603 unique IDs)

¶ Note: Births within 180 days of a prior birth were excluded from the sample.
**eFigure 2.** Percentage of Deliveries with Same Insurance Type vs. Different Insurance Type at 2, 6, and 12 Months Postpartum

Panel A: 2 months Postpartum

Note: n=97,335. Insurance status 2 months, 6 months, and 12 months postpartum were compared with the insurance type in the delivery month.
eFigure 3. Postpartum Insurance Changes

Panel A: 2 months Postpartum

Panel B: 6 months Postpartum

Panel C: 12 months Postpartum

Note: n=97,335. Insurance status 2 months, 6 months, and 12 months postpartum were compared with the insurance status in delivery month.

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eFigure 4. Insurance Transitions for Individuals Insured by a Marketplace Plan at Any Time Point

Note: n=7,847 deliveries with Marketplace insurance at any time point. Sample is restricted to 18-44 years old women who had deliveries between January 2015 – December 2017, and further restricted to those who had Marketplace insurance at any time point. Numbers shown in the diagram are % of the full analytic sample (n=97,335).
**eTable 1.** Full Regression Results for Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Any Transition)

| Outcome: Any Transition during 12 month pre-delivery to 12 month postpartum period | ±12 Months Continuously Insured and Observed (Primary Analytic Sample) | ±6 Months Continuously Insured and Observed | ±3 Months Continuously Insured and Observed | ±2 Months Continuously Insured and Observed |
|---|---|---|---|---|
| OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI |
| **Insurance at Delivery (Ref=Private)** | | | | | | | |
| Medicaid | 12.19*** | 11.67 - 12.74 | 6.16*** | 5.95 - 6.38 | 5.05*** | 4.89 - 5.22 | 4.89*** | 4.73 - 5.05 |
| Medicaid MC | 13.85*** | 13.27 - 14.45 | 6.55*** | 6.33 - 6.77 | 5.31*** | 5.14 - 5.48 | 5.13*** | 4.98 - 5.30 |
| Marketplace | 11.17*** | 10.32 - 12.08 | 5.59*** | 5.21 - 5.99 | 4.59*** | 4.29 - 4.91 | 4.37*** | 4.08 - 4.67 |
| Health Safety Net | 99.90*** | 80.82 - 123.49 | 42.81*** | 34.87 - 52.56 | 33.67*** | 27.47 - 41.26 | 30.57*** | 25.04 - 37.32 |
| **Age (Ref= Age 18-24)** | | | | | | | |
| Age 25-34 | 0.99 | 0.95 - 1.03 | 0.97 | 0.94 - 1.01 | 0.98 | 0.95 - 1.01 | 0.99 | 0.96 - 1.03 |
| Age 35-44 | 0.82*** | 0.78 - 0.86 | 0.79*** | 0.76 - 0.83 | 0.80*** | 0.77 - 0.83 | 0.81*** | 0.78 - 0.84 |
| **Patient Residence in ZIP Code with Lowest Quartile Median Income** | | | | | | | |
| Patient Residence in ZIP Code with Lowest Quartile Median Income | 0.91*** | 0.88 - 0.94 | 0.91*** | 0.88 - 0.94 | 0.91*** | 0.88 - 0.93 | 0.90*** | 0.88 - 0.93 |
| **Patient Residence in ZIP Code with Concentrated Poverty** | | | | | | | |
| Patient Residence in ZIP Code with Concentrated Poverty | 0.79*** | 0.75 - 0.84 | 0.79*** | 0.75 - 0.83 | 0.79*** | 0.75 - 0.84 | 0.79*** | 0.75 - 0.83 |
| **Number of Observations** | | | | | | | |
| Number of Observations | 97,335 | 115,550 | 125,042 | 129,031 |

*** p<0.01, ** p<0.05

Note: Odds ratios are based on logistic regression that used any insurance transition (overall, pre-delivery, and postpartum) during 25 month study period as outcome variable. Sample is restricted to 12 months (primary analytic sample), 6 months, 3 months, and 2 months continuously insured before and after delivery from delivery month.
**eTable 2. Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Pre-Delivery Transition)**

| Outcome: Any Transition during 12 month pre-delivery period | ±12 Months Continuously Insured and Observed (Primary Analytic Sample) | ±6 Months Continuously Insured and Observed | ±3 Months Continuously Insured and Observed | ±2 Months Continuously Insured and Observed |
|------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
|                                                            | OR        | 95% CI     | OR        | 95% CI     | OR        | 95% CI     | OR        | 95% CI     |
| Insurance at Delivery (Ref=Private)                        |           |            |           |            |           |            |           |            |
| Medicaid                                                  | 14.08***  | 13.36 - 14.84 | 10.42***  | 10.01 - 10.85 | 9.67***  | 9.32 - 10.04 | 9.65***  | 9.31 - 10.01 |
| Medicaid MC                                               | 19.69***  | 18.70 - 20.72 | 13.01***  | 12.51 - 13.53 | 11.82***  | 11.40 - 12.26 | 11.74***  | 11.33 - 12.16 |
| Marketplace                                               | 12.64***  | 11.61 - 13.75 | 8.95***  | 8.33 - 9.61  | 8.07***  | 7.54 - 8.63  | 7.84***  | 7.33 - 8.38  |
| Health Safety Net                                         | 99.41***  | 84.37 - 117.14 | 59.47***  | 50.83 - 69.57 | 50.70***  | 43.50 - 59.09 | 47.75***  | 41.05 - 55.54 |
| Age (Ref= Age 18-24)                                      |           |            |           |            |           |            |           |            |
| Age 25-34                                                  | 1.09***   | 1.05 - 1.14  | 1.05***   | 1.01 - 1.09  | 1.05***   | 1.01 - 1.08  | 1.06***   | 1.03 - 1.10  |
| Age 35-44                                                  | 0.93***   | 0.88 - 0.97  | 0.84***   | 0.80 - 0.88  | 0.84***   | 0.80 - 0.87  | 0.85***   | 0.81 - 0.88  |
| Patient Residence in ZIP Code with Lowest Quartile Median Income | 0.84***   | 0.81 - 0.87  | 0.87***   | 0.84 - 0.89  | 0.87***   | 0.84 - 0.90  | 0.87***   | 0.84 - 0.89  |
| Patient Residence in ZIP Code with Concentrated Poverty    | 0.73***   | 0.69 - 0.78  | 0.74***   | 0.70 - 0.79  | 0.75***   | 0.71 - 0.79  | 0.74***   | 0.70 - 0.78  |
| Number of Observations                                    | 97,335    | 115,550     | 125,042   | 129,031     |           |            |           |            |

*** p<0.01, ** p<0.05

Note: Odds ratios are based on logistic regression that used any insurance transitions during 12 month pre-delivery period as outcome. Sample is restricted to 12 months, 6 months, 3 months, and 2 months continuously insured from delivery month.
**eTable 3. Sensitivity Analysis Examining Sample Restriction for Months of Continuous Insurance and Observation Required (Postpartum Transition)**

| Outcome: Any Transition during 12 month postpartum period | ±12 Months Continuously Insured and Observed (Primary Analytic Sample) | ±6 Months Continuously Insured and Observed | ±3 Months Continuously Insured and Observed | ±2 Months Continuously Insured and Observed |
|----------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Insurance at Delivery (Ref=Private)                      | OR | 95% CI | OR | 95% CI | OR | 95% CI | OR | 95% CI |
| Medicaid                                                 | 8.35*** | 7.95 - 8.78 | 3.09*** | 2.98 - 3.20 | 2.21*** | 2.13 - 2.28 | 2.03*** | 1.96 - 2.10 |
| Medicaid MC                                              | 7.74*** | 7.38 - 8.13 | 3.38*** | 3.26 - 3.50 | 2.60*** | 2.52 - 2.69 | 2.48*** | 2.40 - 2.55 |
| Marketplace                                              | 7.26*** | 6.67 - 7.91 | 2.94*** | 2.73 - 3.16 | 2.28*** | 2.13 - 2.44 | 2.16*** | 2.02 - 2.31 |
| Health Safety Net                                        | 32.83*** | 28.76 - 37.49 | 11.84*** | 10.52 - 13.32 | 8.74*** | 7.80 - 9.80 | 8.06*** | 7.20 - 9.02 |
| Age (Ref= Age 18-24)                                     | | | | | | | | |
| Age 25-34                                                 | 1.07*** | 1.02 - 1.11 | 1.10*** | 1.06 - 1.14 | 1.11*** | 1.07 - 1.15 | 1.12*** | 1.08 - 1.16 |
| Age 35-44                                                 | 0.98 | 0.93 - 1.04 | 1.03 | 0.99 - 1.08 | 1.03 | 0.99 - 1.08 | 1.05** | 1.00 - 1.09 |
| Patient Residence in ZIP Code with Lowest Quartile Median Income | 0.95*** | 0.91 - 0.98 | 0.94*** | 0.91 - 0.97 | 0.94*** | 0.91 - 0.97 | 0.94*** | 0.91 - 0.97 |
| Patient Residence in ZIP Code with Concentrated Poverty   | 0.86*** | 0.80 - 0.92 | 0.84*** | 0.79 - 0.89 | 0.83*** | 0.79 - 0.88 | 0.83*** | 0.79 - 0.88 |
| Number of Observations                                   | 97,335 | | 115,550 | | 125,042 | | 129,031 | |

*** p<0.01, ** p<0.05

Note: Odds ratios are based on logistic regression that used any insurance transitions during 12 month postpartum period as outcome. Sample is restricted to 12 months, 6 months, 3 months, and 2 months continuously insured from delivery month.
### eTable 4. Predicted Probabilities for Sensitivity Analysis to Sample Limitation of Deliveries Before March 2017

|                                | Any Transition | 95% CI         | Pre-delivery Transition | 95% CI         | Postpartum Transition | 95% CI         |
|--------------------------------|----------------|----------------|-------------------------|----------------|-----------------------|----------------|
| **Insurance at Delivery**      |                |                |                         |                |                       |                |
| Private                        | 0.097***       | 0.093 - 0.100  | 0.047***                | 0.044 - 0.049  | 0.066***              | 0.063 - 0.068 |
| Medicaid                       | 0.503***       | 0.494 - 0.511  | 0.396***                | 0.388 - 0.405  | 0.293***              | 0.286 - 0.301 |
| Medicaid MC                    | 0.604***       | 0.597 - 0.611  | 0.507***                | 0.500 - 0.514  | 0.346***              | 0.339 - 0.353 |
| Marketplace                    | 0.560***       | 0.538 - 0.582  | 0.430***                | 0.408 - 0.451  | 0.324***              | 0.304 - 0.345 |
| Health Safety Net              | 0.927***       | 0.910 - 0.945  | 0.887***                | 0.866 - 0.908  | 0.676***              | 0.645 - 0.707 |
| **Age**                        |                |                |                         |                |                       |                |
| Age 18-24                      | 0.358***       | 0.351 - 0.365  | 0.270***                | 0.264 - 0.277  | 0.196***              | 0.190 - 0.202 |
| Age 25-34                      | 0.358***       | 0.354 - 0.362  | 0.277***                | 0.274 - 0.281  | 0.214***              | 0.210 - 0.218 |
| Age 35-44                      | 0.330***       | 0.324 - 0.337  | 0.257***                | 0.250 - 0.263  | 0.204***              | 0.198 - 0.210 |
| Patient Residence in Zip Code with Upper Quartile Median Income | 0.358*** | 0.354 - 0.362 | 0.282*** | 0.278 - 0.287 | 0.211*** | 0.208 - 0.215 |
| Patient Residence in ZIP Code with Lowest Quartile Median Income | 0.344*** | 0.339 - 0.349 | 0.259*** | 0.255 - 0.264 | 0.203*** | 0.199 - 0.208 |
| Patient Residence in Zip Code with non-Poverty Concentration | 0.356*** | 0.353 - 0.359 | 0.276*** | 0.273 - 0.279 | 0.210*** | 0.207 - 0.213 |
| Patient Residence in ZIP Code with Concentrated Poverty | 0.311*** | 0.300 - 0.322 | 0.231*** | 0.221 - 0.241 | 0.181*** | 0.171 - 0.191 |
| **Number of Observations**     | 70,461         | 70,461         | 70,461                  |                |                       |                |

*** p<0.01, ** p<0.05

Note: Deliveries are limited to those who had deliveries before March 2017 to avoid confounding effects from the Medicaid program’s ACO transition. Predicted probabilities are comparable to Figure 3 in the main results.