



Supply-Side Shocks: Strikes and Utilization of Contraception in Kenya

Are Doctors or Nurses More Essential for a Thriving Family Program?



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Supply side shocks for family planning services

- 2 Strikes
 - Doctors' Strike: December 2016 – March 2017
 - Nurses' Strike: June 2017- November 2017
- Previous Strikes
 - 1997 Nurses' strike
 - 2012 Nurses' strike
- Potential new strike? February 2019

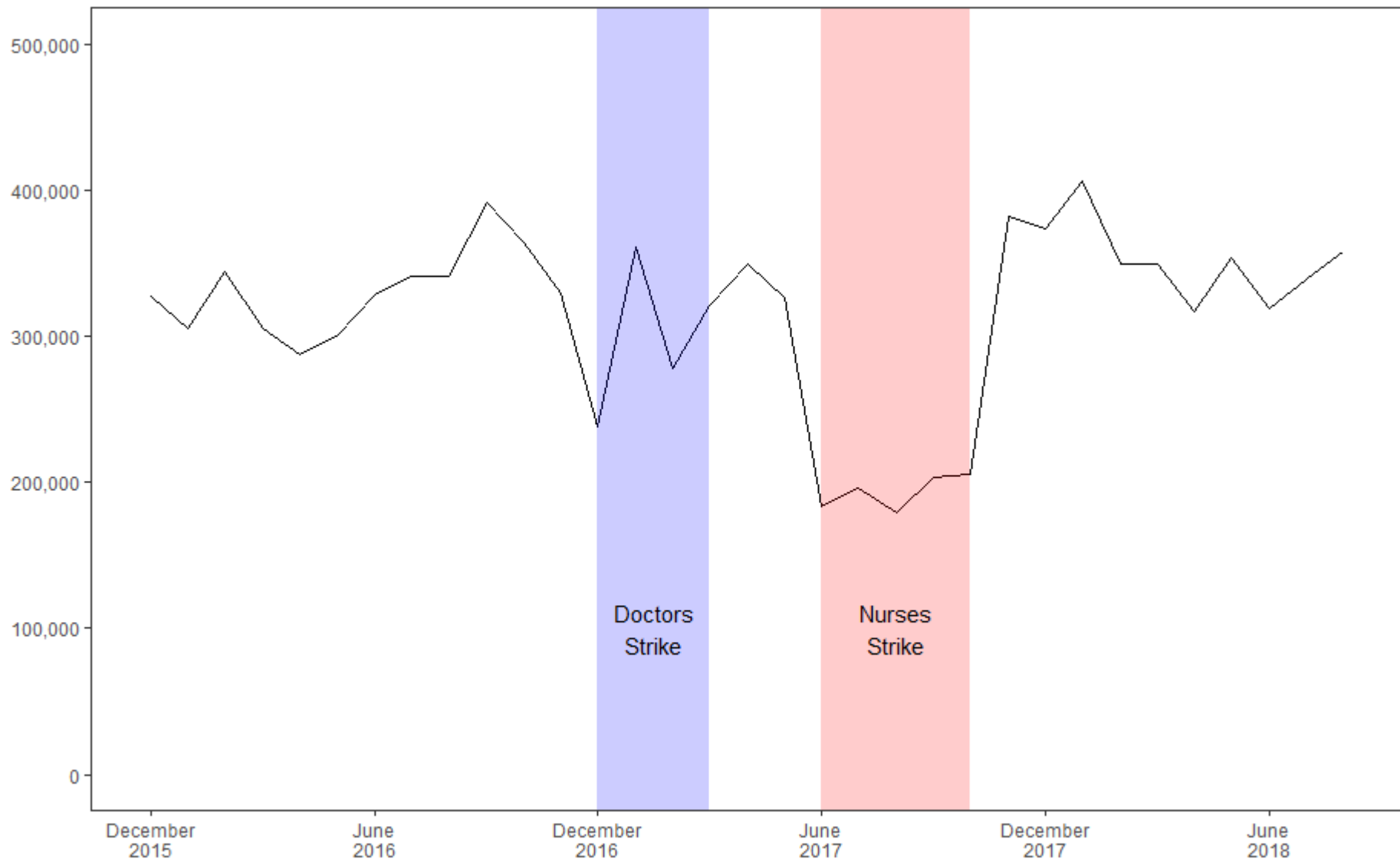
Strikes' effects on other health sectors

- Preventable deaths
- High fees and long waits in private facilities
- Births increased in private facilities, but not enough to offset decreases in public
- Decrease in fully immunized infants

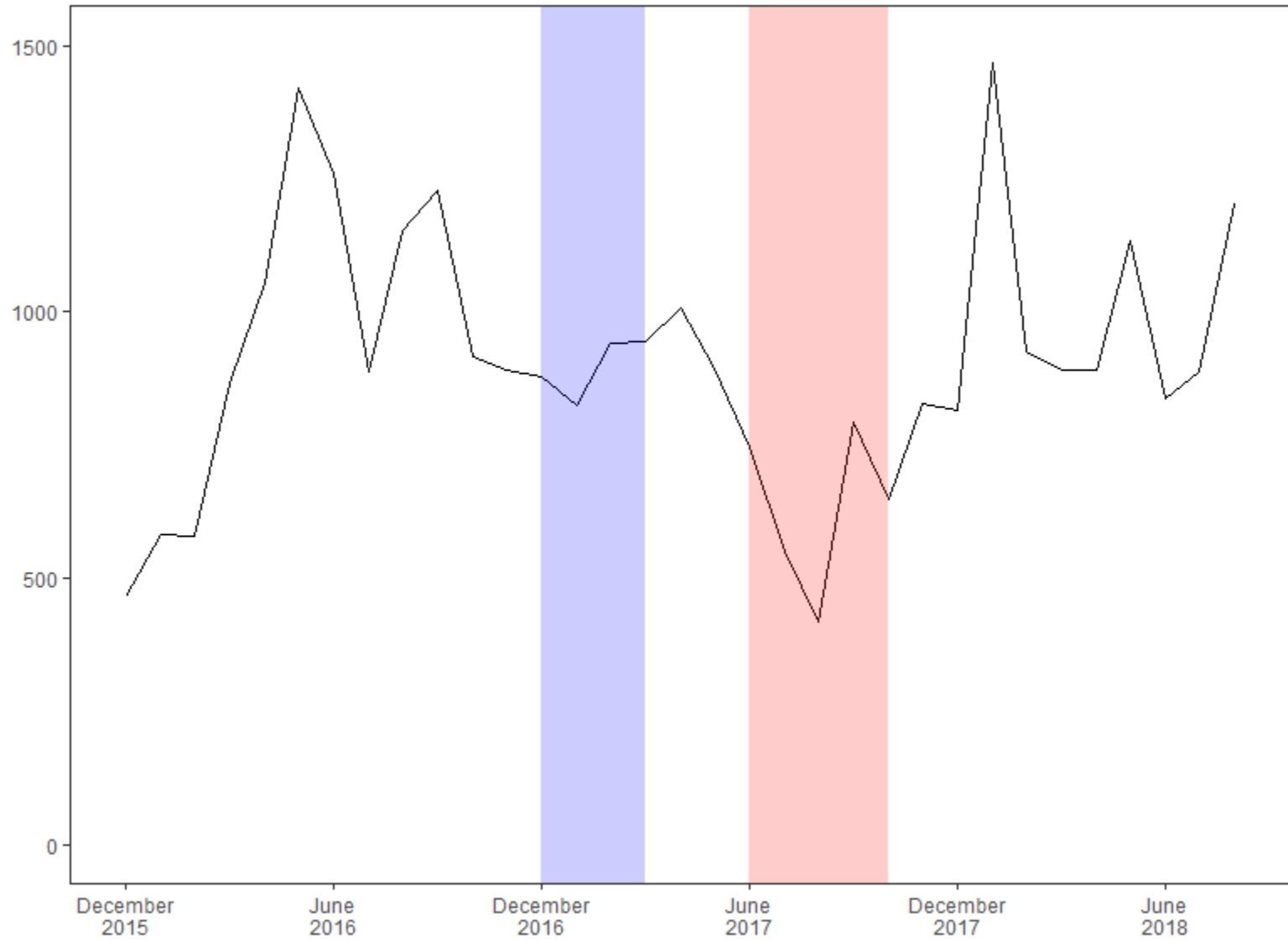
Data

- District Health Information System (DHIS2)
 - Monthly commodities and visits data by method
- PMA2020
 - Rounds 5, 6, and 7

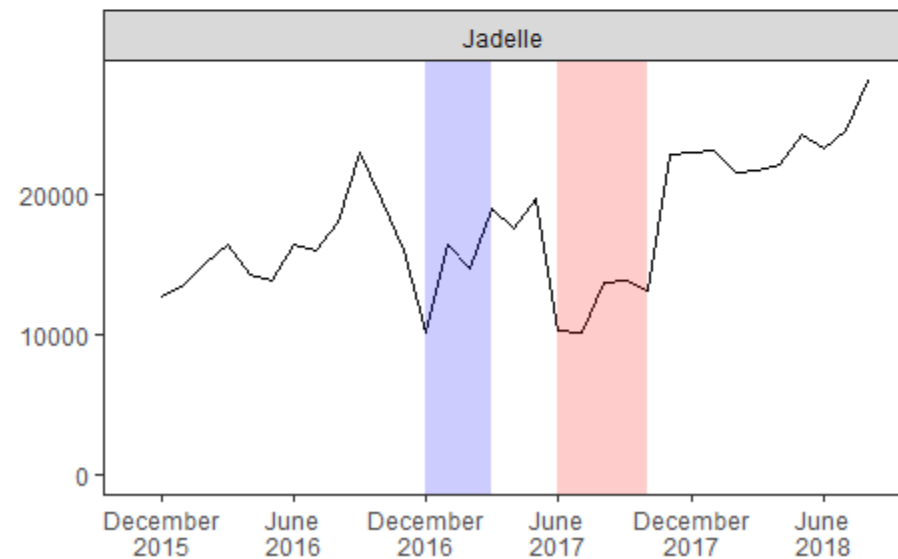
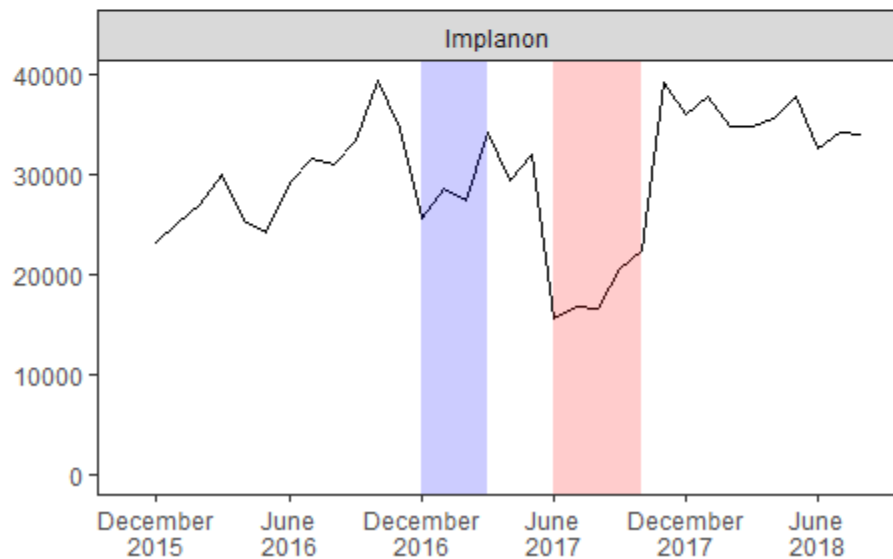
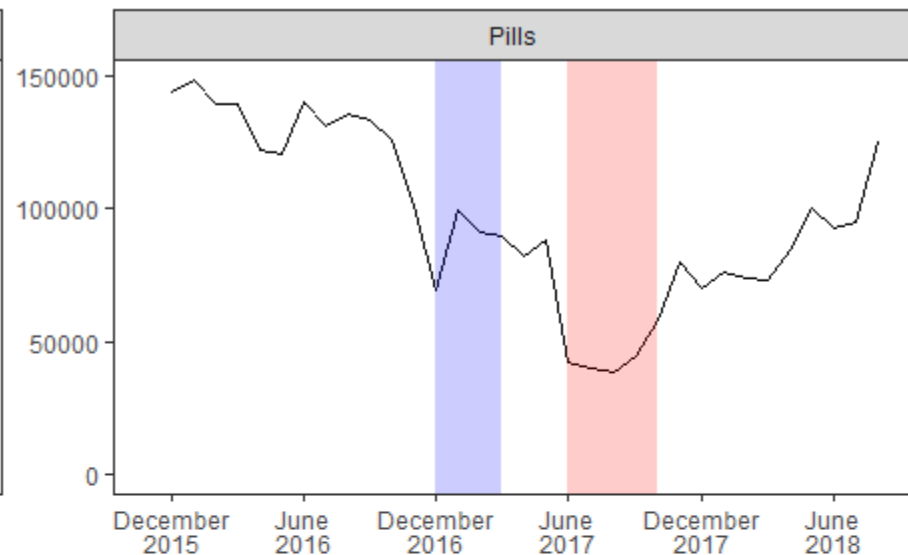
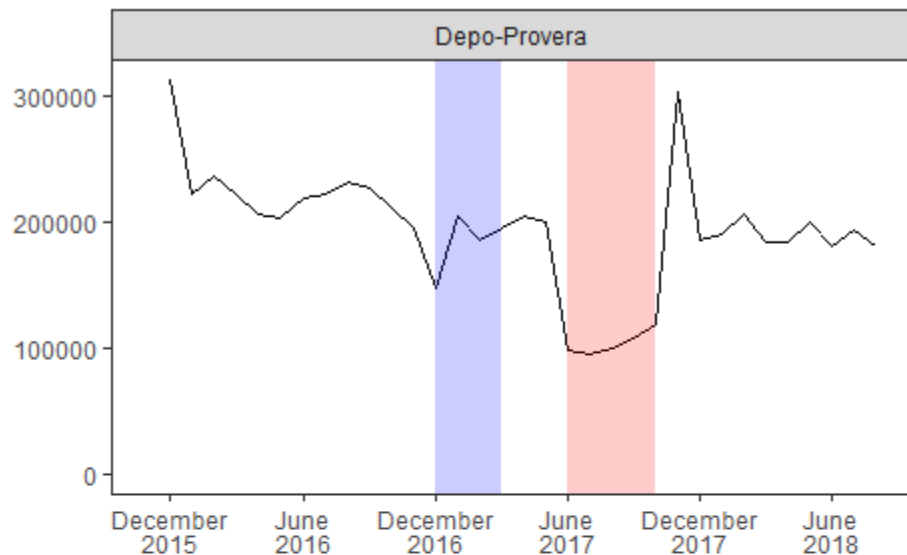
Kenya: Monthly Methods Dispensed, Converted into Couple Years of Protection



Kenya: Tubal Ligations, Monthly

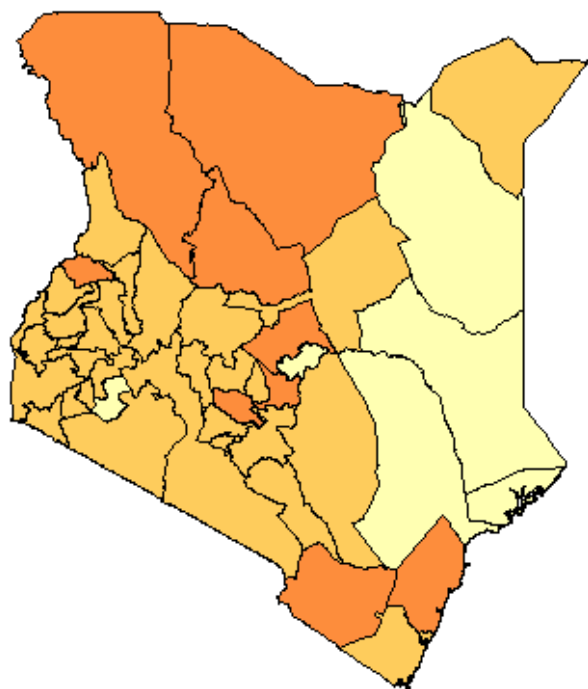


Kenya: Methods Distributed, Monthly

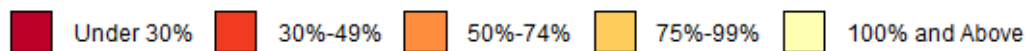
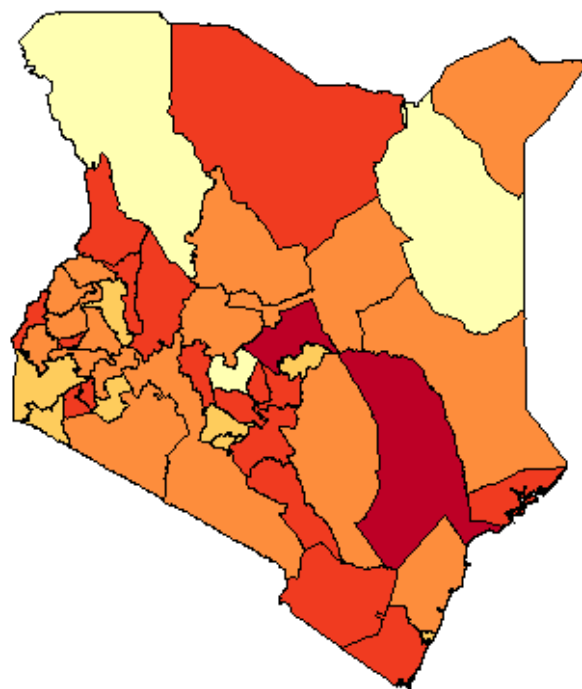


*Average Distribution of Family Planning During Strikes
Compared to Month Before Strike*

Doctors' Strike



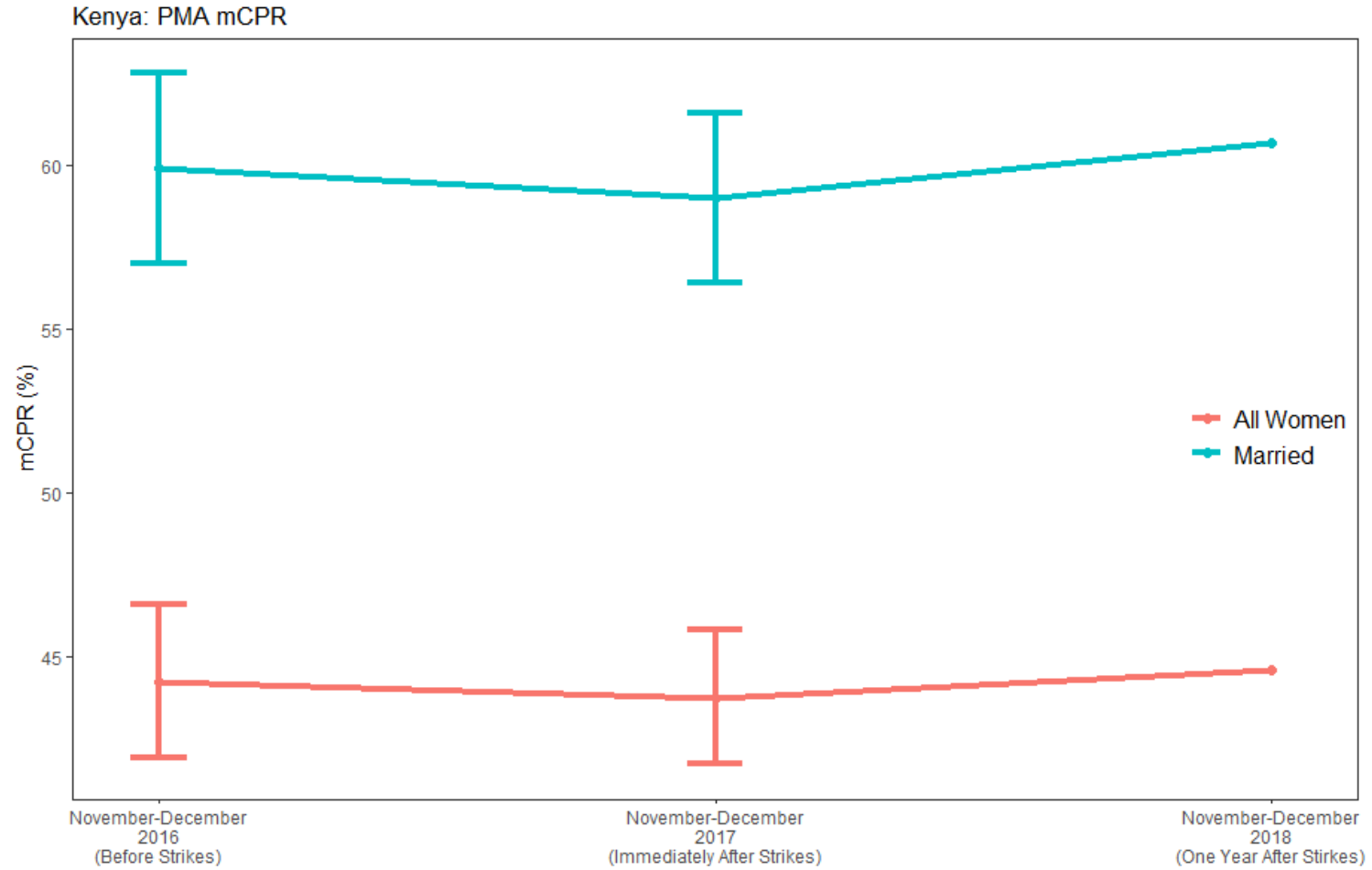
Nurses' Strike





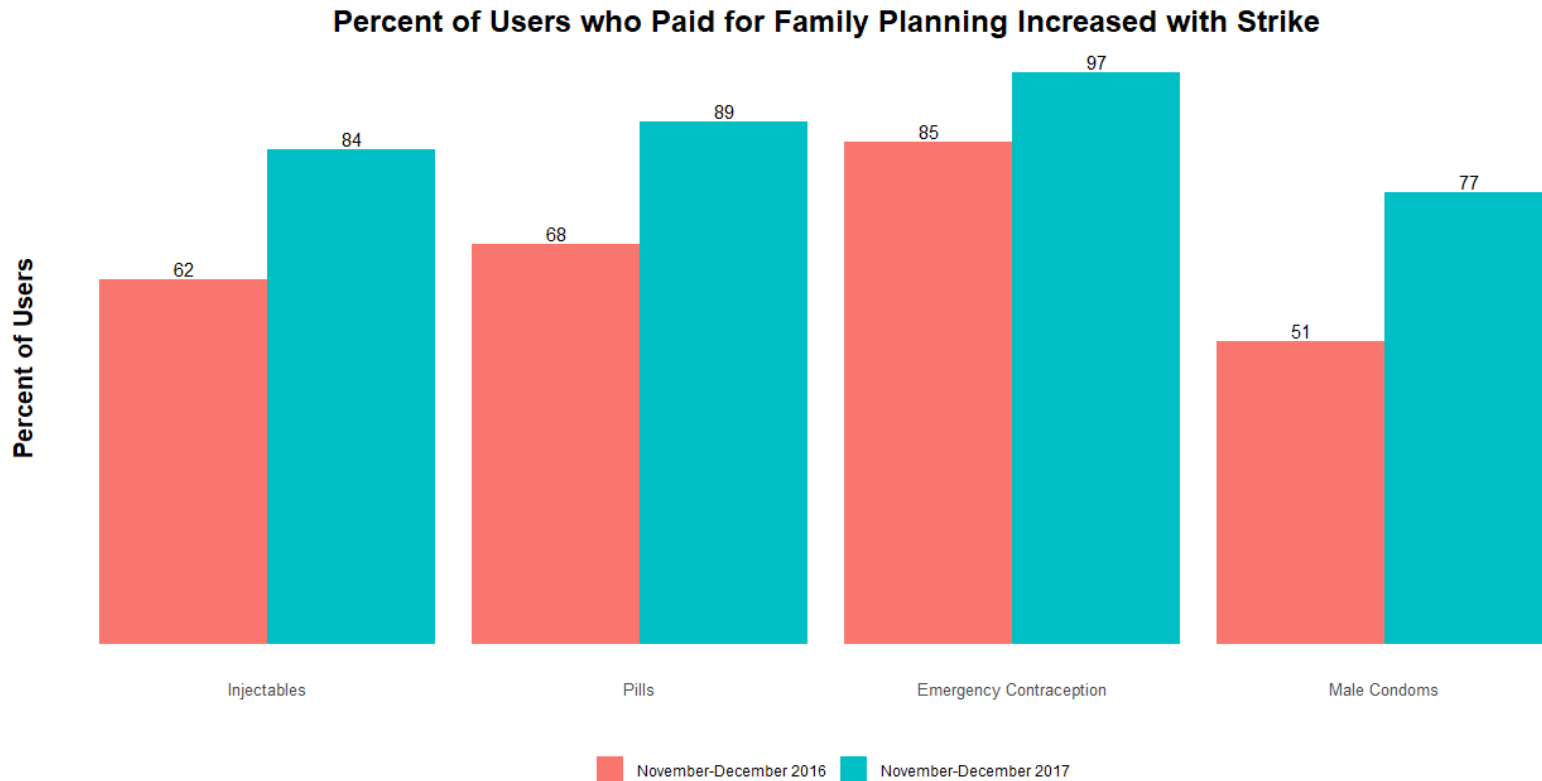
Impacts of the strikes

mCPR Before, During, and After the Strikes



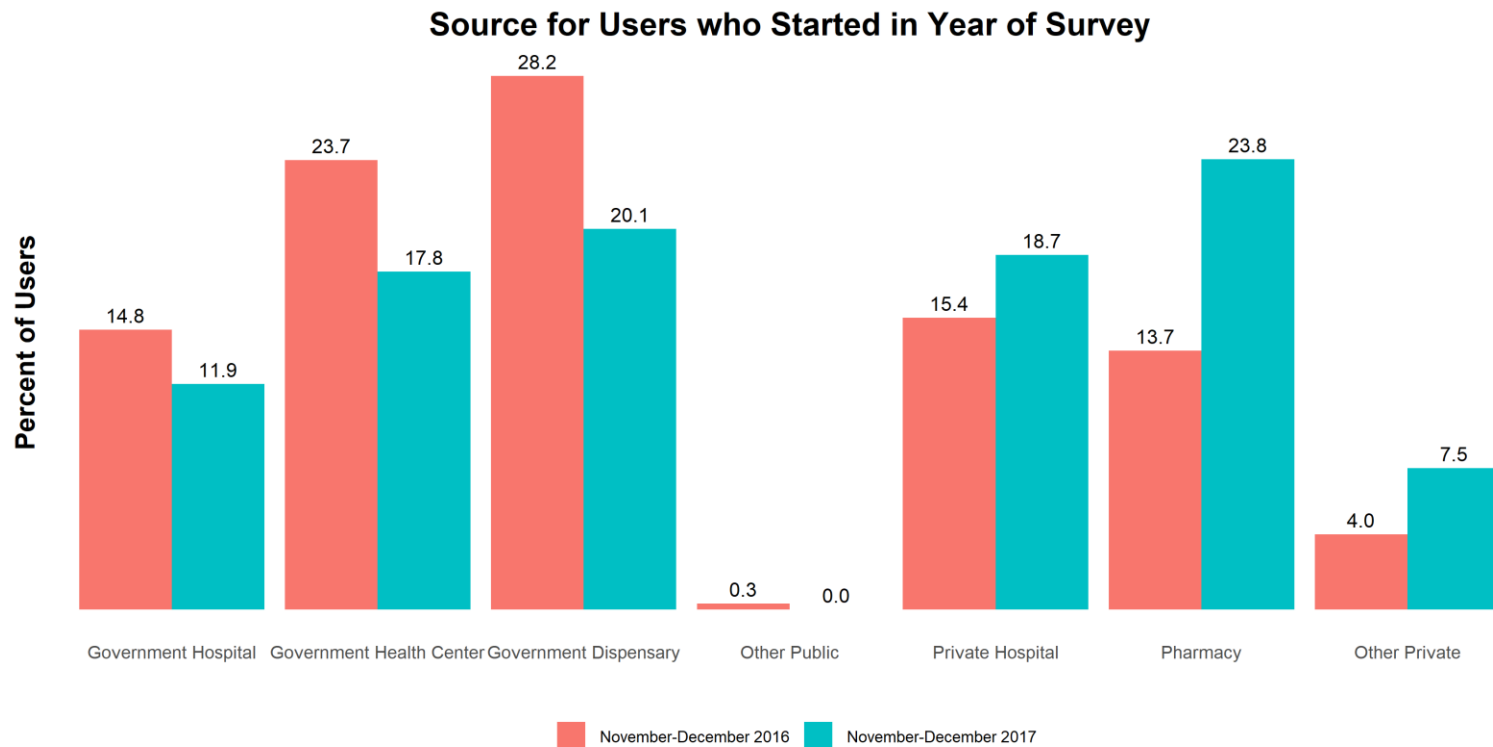
Increased out of pocket expenses

PMA2020 Rounds 5 and 6



Increased utilization of private sector

PMA2020 Rounds 5 and 6



Discussion and Conclusion

- Supply side shocks can negatively impact family planning commodity distribution, but the impacts are not long lasting
- Nurses have a much larger impact on a successful family planning program than doctors
- Services declined, but did not disappear
- Private organizations increased distribution
 - Women increased out of pocket expenses
- Non-significant decline in mCPR

Thank you

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