

**South Carolina  
Birth Outcomes Initiative:**

**LARC Outpatient White  
Bagging**

**Status of Policy Change**

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## **LARCs and Managed Care: Why is this important to your moving forward?**

- **6 capitated plans cover over 90% of SC Medicaid births**
- **Cost for device and insertion are included in Plans capitated rates**
- **Plans participate in white bagging/specialty medical benefit outpatients and inpatient insertion**

## SC MCO & FFS

### LARCs Outpatient and White Bagging Data

<b>Pharmacy Benefit</b>							
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
NEXPLANON	0	0	0	1	4	26	71
PARAGUARD-T	0	0	0	5	7	10	16
MIRENA	0	0	0	59	67	138	158
SKYLA	0	0	0	0	1	1	4
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65</b>	<b>79</b>	<b>175</b>	<b>249</b>

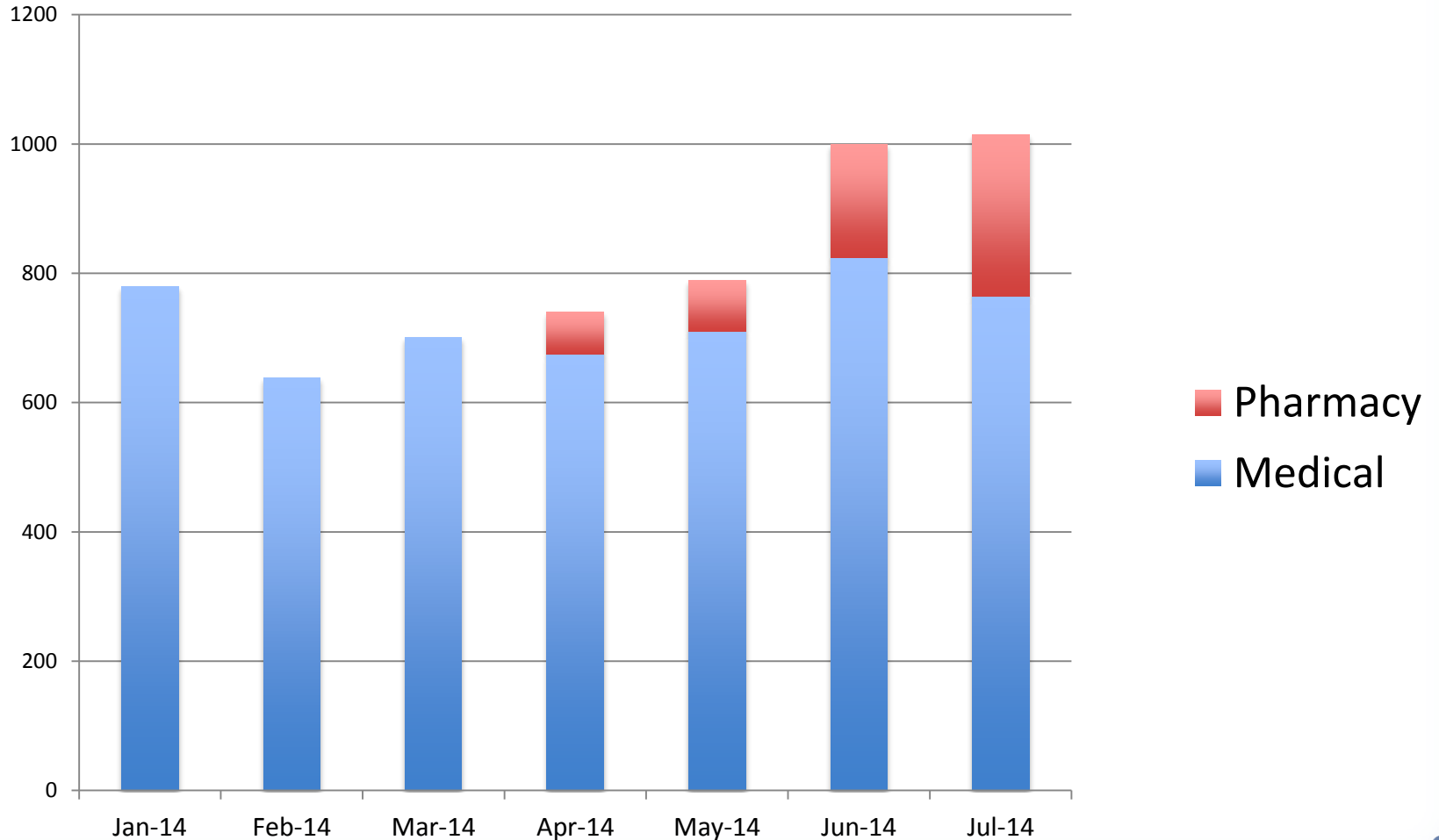
<b>Medical Benefit</b>							
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
NEXPLANON	458	366	374	350	435	489	427
PARAGUARD-T	40	25	45	32	28	44	43
MIRENA	281	247	281	293	245	288	288
SKYLA			1		2	3	7
<b>Total</b>	<b>779</b>	<b>638</b>	<b>701</b>	<b>675</b>	<b>710</b>	<b>824</b>	<b>765</b>

## SC MCO & FFS LARCs Outpatient and White Bagging Data

<b>Total</b>							
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
NEXPLANON	458	366	374	351	439	515	498
PARAGUARD-T	40	25	45	37	35	54	59
MIRENA	281	247	281	352	312	426	446
SKYLA			1		3	4	11
<b>Total</b>	<b>779</b>	<b>638</b>	<b>701</b>	<b>740</b>	<b>789</b>	<b>999</b>	<b>1,014</b>

<b>Summary</b>							
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14
Medical	779	638	701	675	710	824	765
Pharmacy	0	0	0	65	79	175	249
<b>Total</b>	<b>779</b>	<b>638</b>	<b>701</b>	<b>740</b>	<b>789</b>	<b>999</b>	<b>1014</b>

## SC MCO & FFS LARCs Outpatient and White Bagging Data



## Evaluating the Cost Effectiveness of LARCs vs Oral Contraceptives in SC Medicaid

**Average net price for oral contraceptives (OCs) = \$23.38 per month.**

**Average net price per LARCs = \$581.61 per unit.**

- Price per LARC includes administration, insertion, and removal rates, as currently reimbursed by SCDHHS.

**The price per month covered is less expensive for LARCs than OCs, assuming that the patient uses the LARC for the full period for which it is indicated.**

- Price per Month of Contraception, OC = \$23.38
- Price per Month of Contraception, LARC = \$11.57

## Effectiveness Gap between LARCs and Oral Contraceptives SC Medicaid

- **LARCs have a failure rate of 0.05% to 0.8%, depending on which LARC is used.**
- **Based on SCDHHS market share, the SC Medicaid weighted failure rate is estimated at 0.15%.**
- **Oral contraceptives have a 9% failure rate within the first year of use, based on typical use patterns.**
- **The cost per unintended pregnancy is estimated at \$10,000.\***

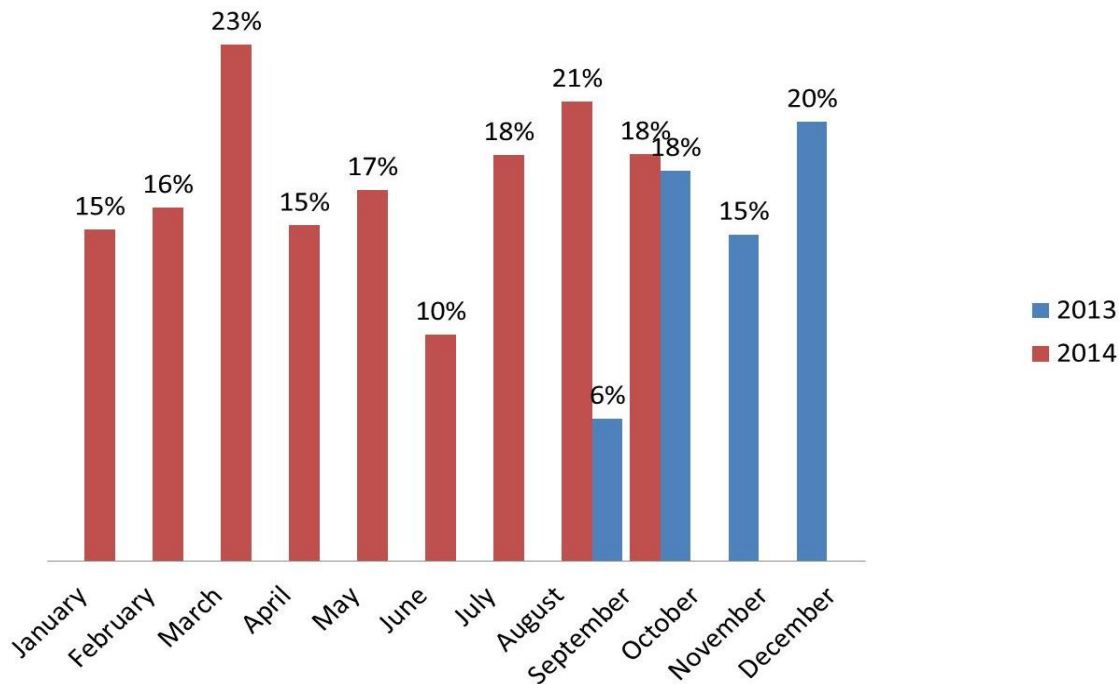
## Effectiveness Gap between LARCs and Oral Contraceptives (cont.)

**When adding in the cost of contraceptive failure, the case for LARCs is even stronger:**

- **First year cost(price/woman treated w/OC or LARC), including costs of unintended pregnancy for contraceptive failure:**
  - OC: \$1180.56
  - LARC: \$596.66



## Deliveries that receive Nexplanon prior to discharge (GHS Maternal Fetal Specialists)



17-20% of their births each month get a LARC (Nexplanon mostly for now)

# **South Carolina Birth Outcomes Initiative.....**

**Helping all Moms and Babies in our State**