
Early Hearing Detection and Intervention (EHDI) Program

ONE: Screening

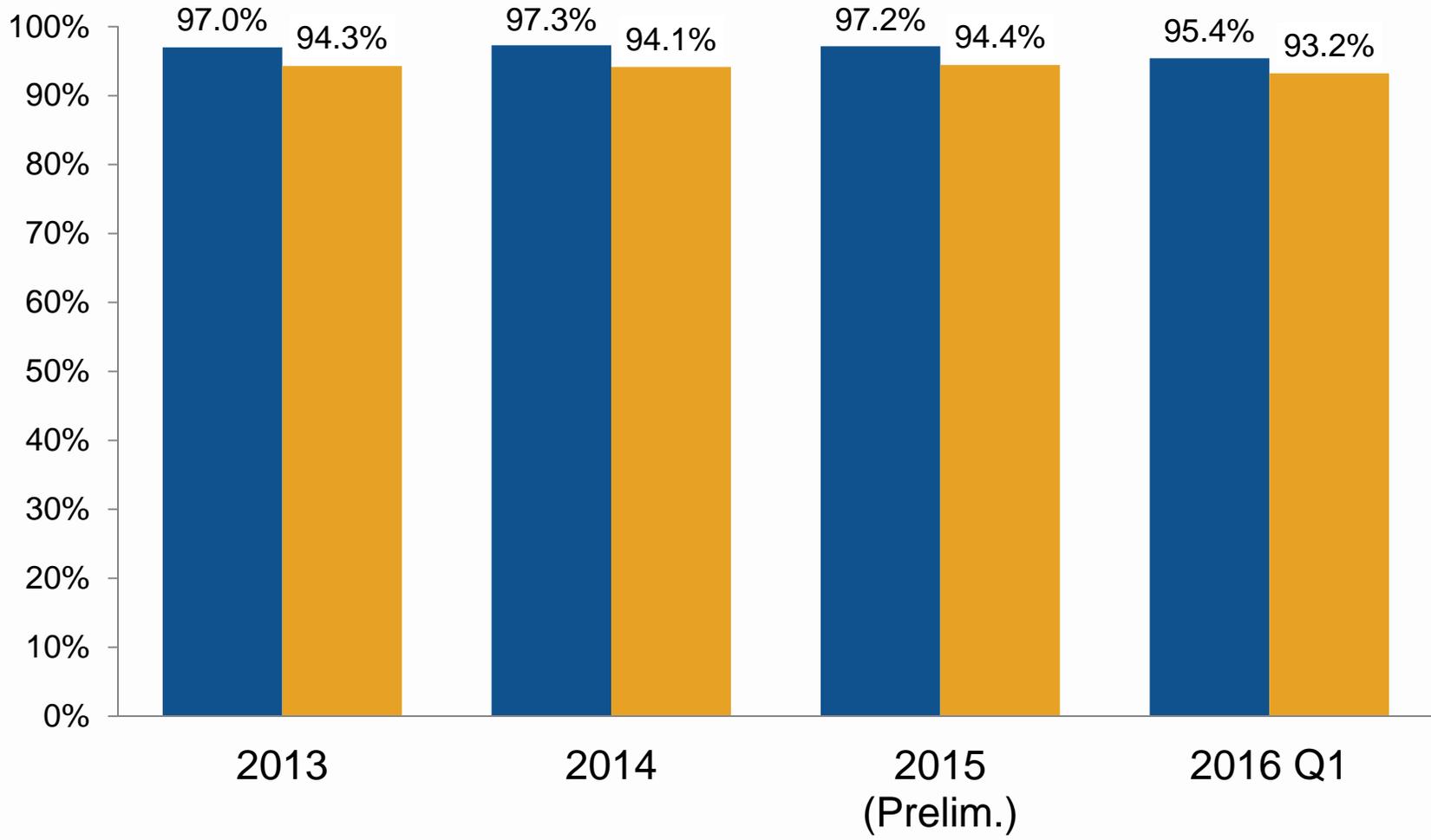
THREE: Diagnostic Evaluation

SIX: Early Intervention

August 2016 Quarterly Data Update

Oregon
Health
Authority

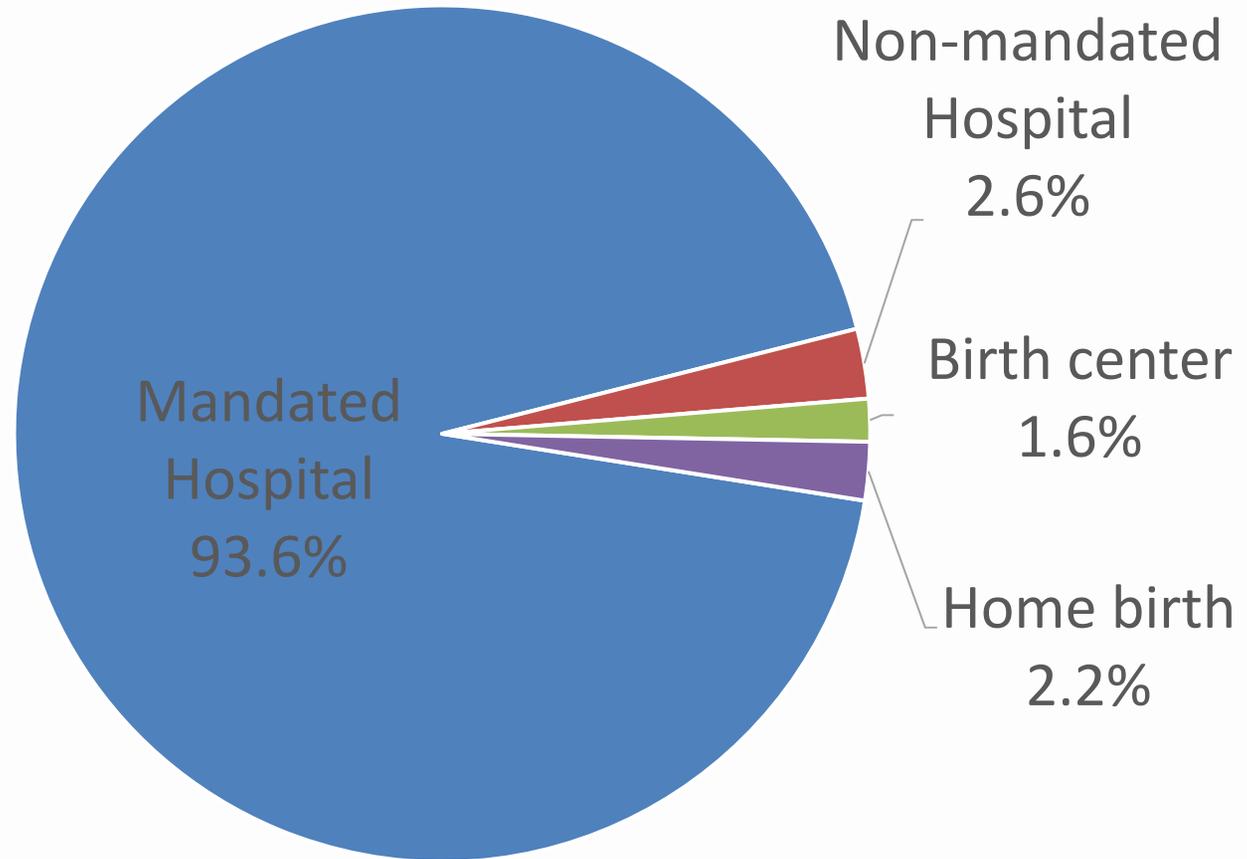
Screening trends: 2013-2016



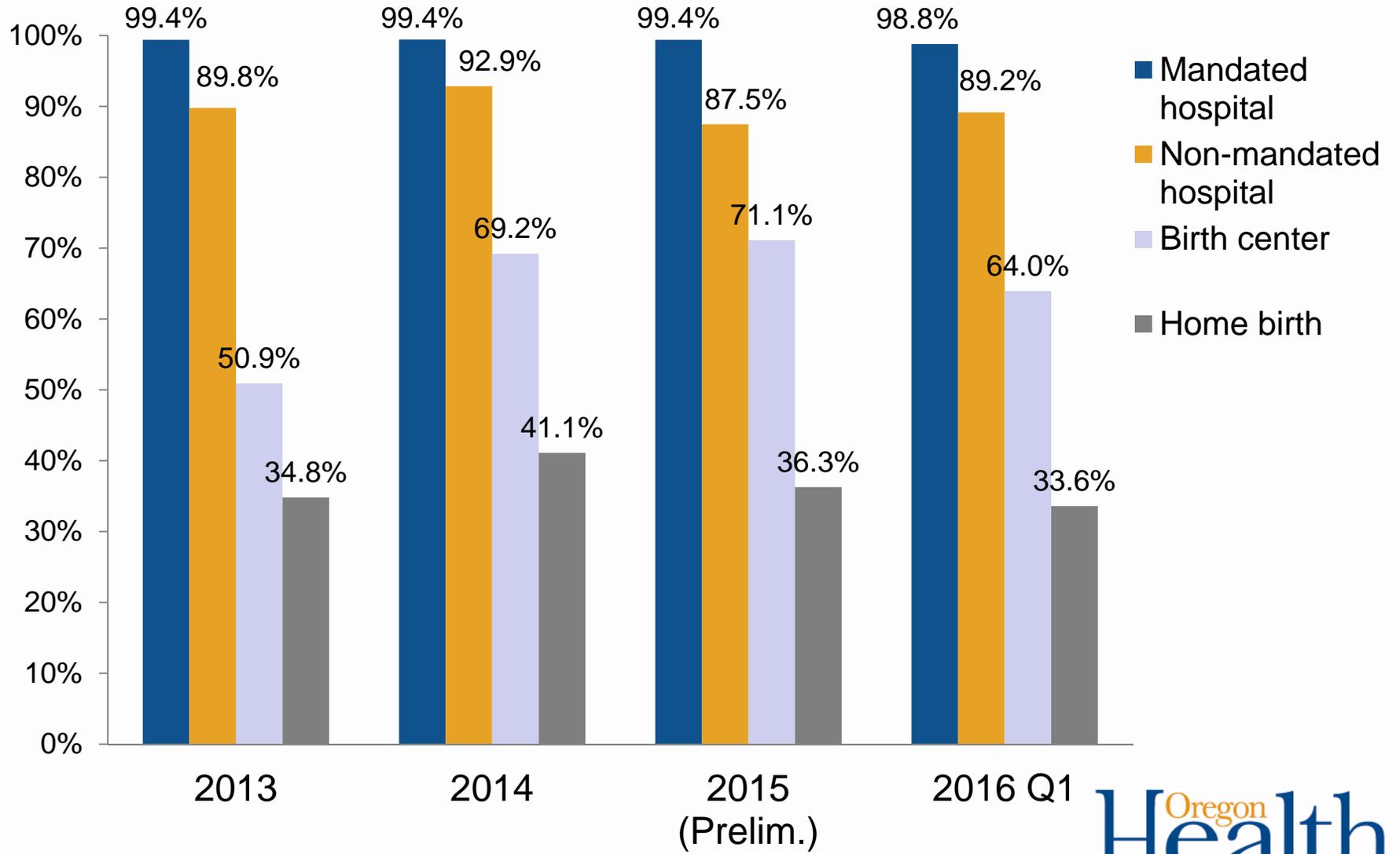
■ % of infants screened ■ % of infants screened by one month

ONE

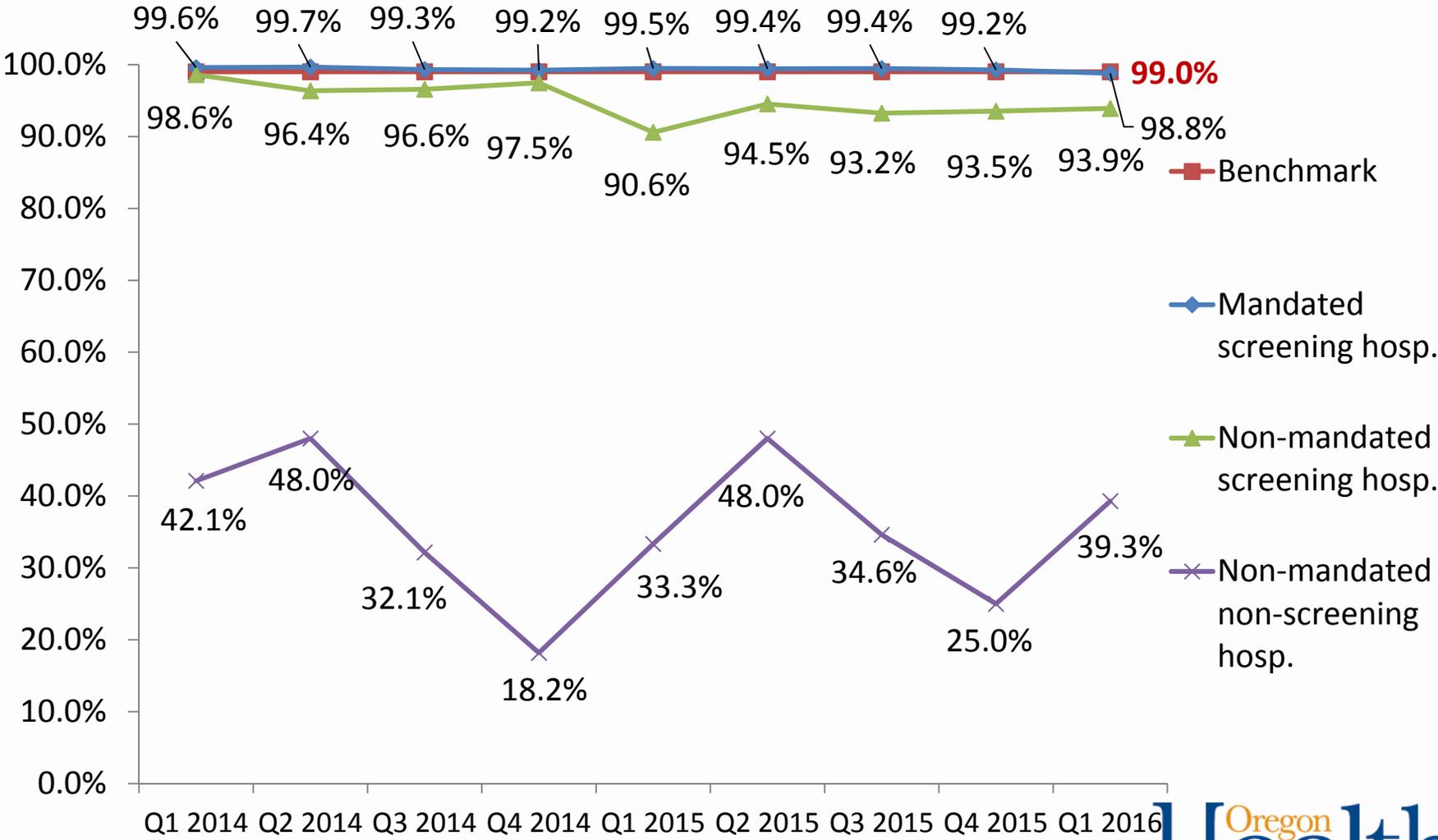
Distribution of Births by Facility Type: 2015



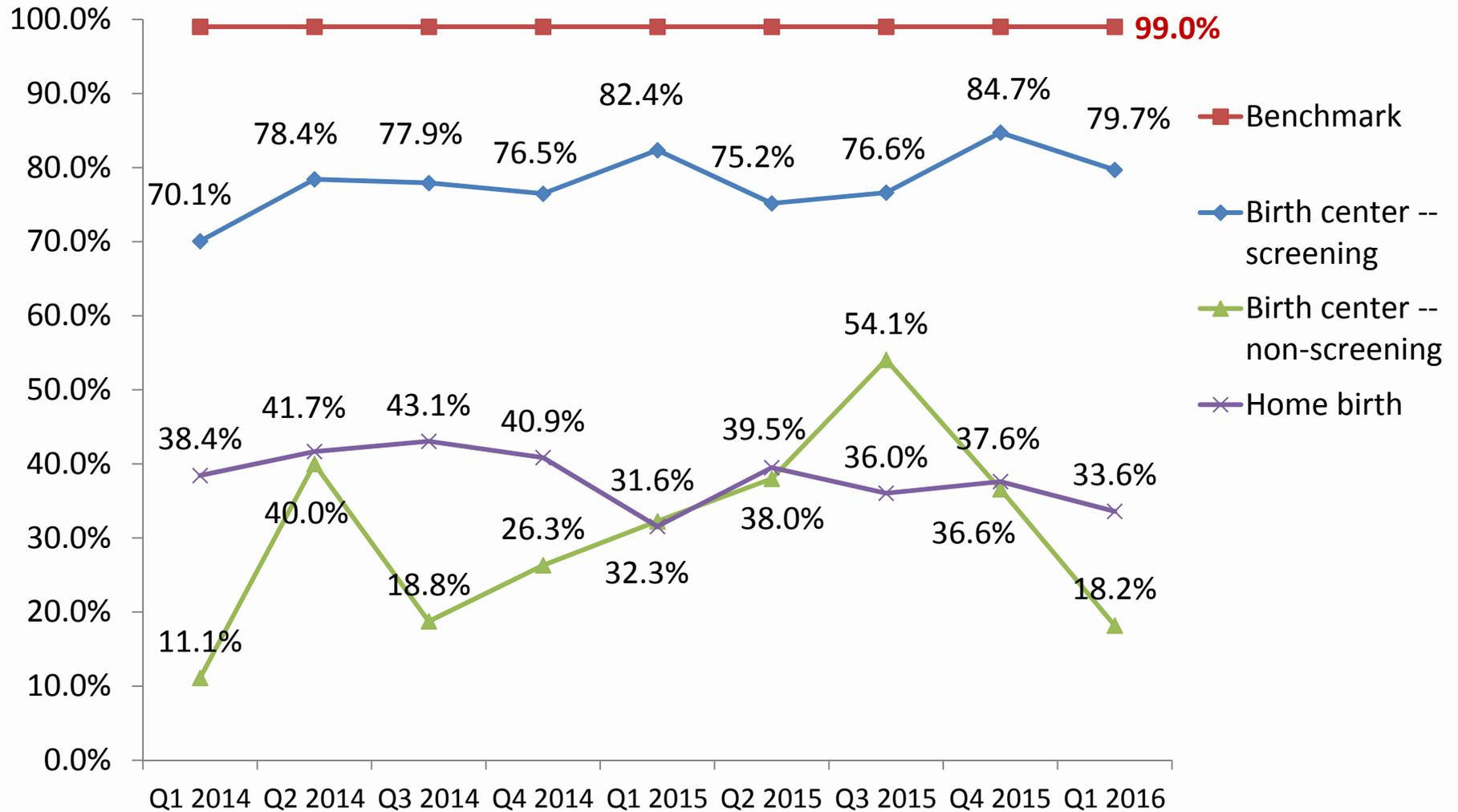
Screening by birth facility types: 2013-2016



Hospital Screening Rates: 2014-2016



Out of Hospital Screening Rates: 2014-2016

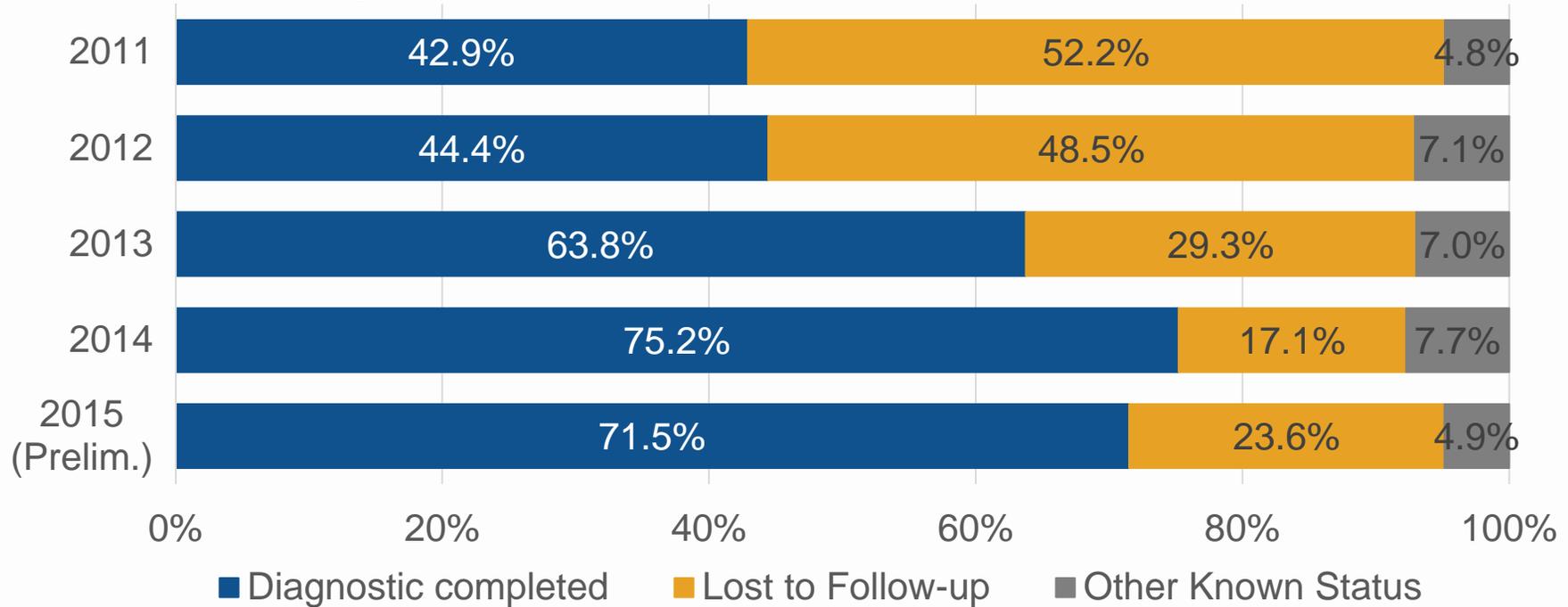


Screening results – referred: 2013-2015

Percent of referred infants by region	2013		2014		2015 (Prelim.)	
	Count	Pct.	Count	Pct.	Count	Pct.
Total	1367	3%	1255	2.8%	1400	3.1%
Multnomah, Hood River, Wasco	233	2%	376	3.3%	455	4.0%
Columbia, Clatsop, Tillamook, Washington	182	3%	121	1.7%	170	2.4%
Clackamas	67	2%	56	1.3%	117	2.6%
Lane	289	8%	160	4.3%	87	2.3%
Yamhill, Polk, Marion	154	3%	153	2.5%	174	2.9%
Douglas, Josephine, Jackson, Klamath, Lake	129	3%	123	2.5%	164	3.3%
Sherman, Gilliam, Wheeler, Jefferson, Crook, Deschutes, Harney	94	4%	58	2.4%	43	1.9%
Benton, Linn, Lincoln, Coos, Curry	94	3%	58	1.9%	62	2.0%
Morrow, Umatilla, Union, Wallowa, Baker, Grant, Malheur	125	6%	150	8.6%	128	7.5%

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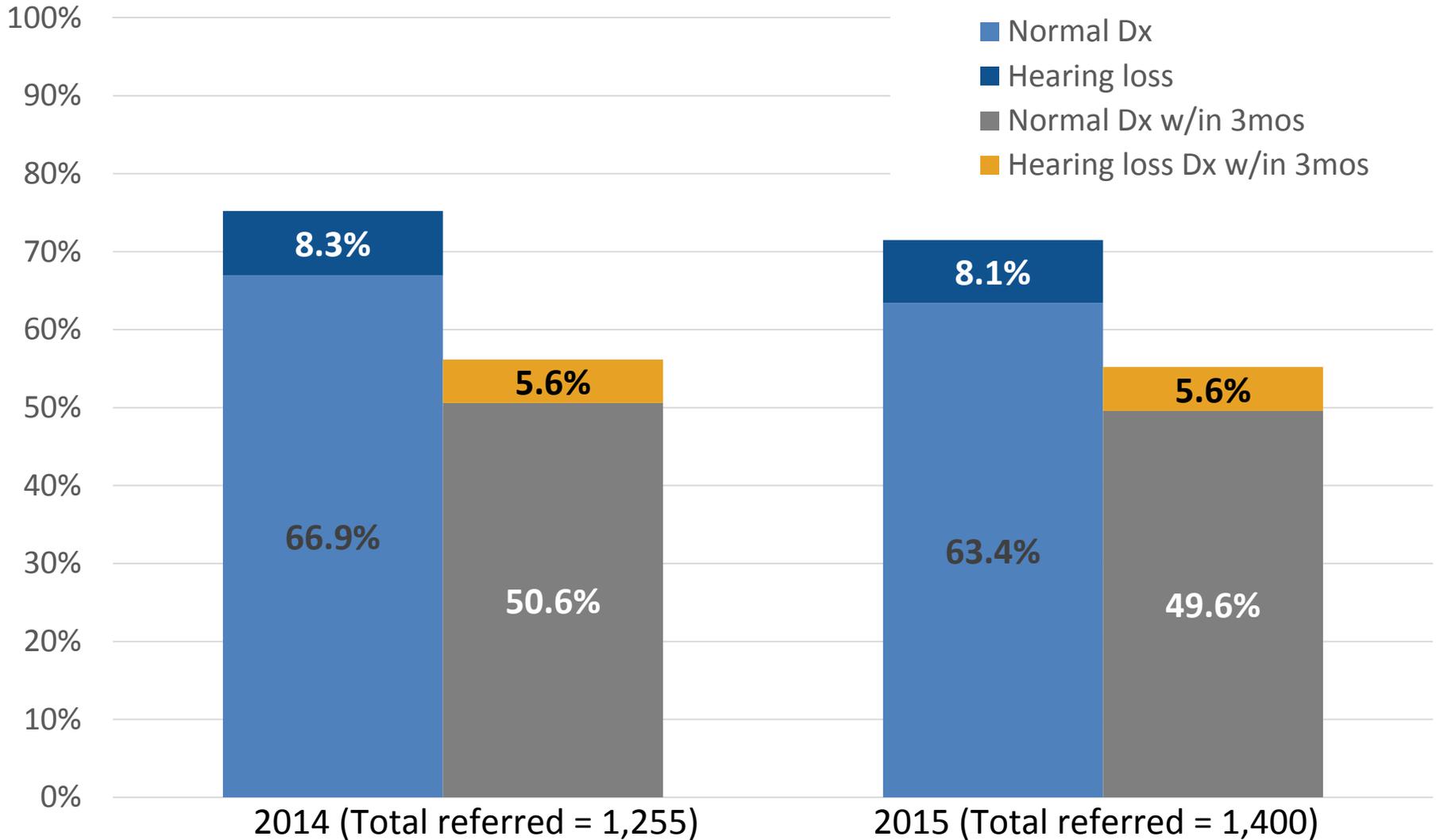
Diagnostic follow-up trends: 2012-2014



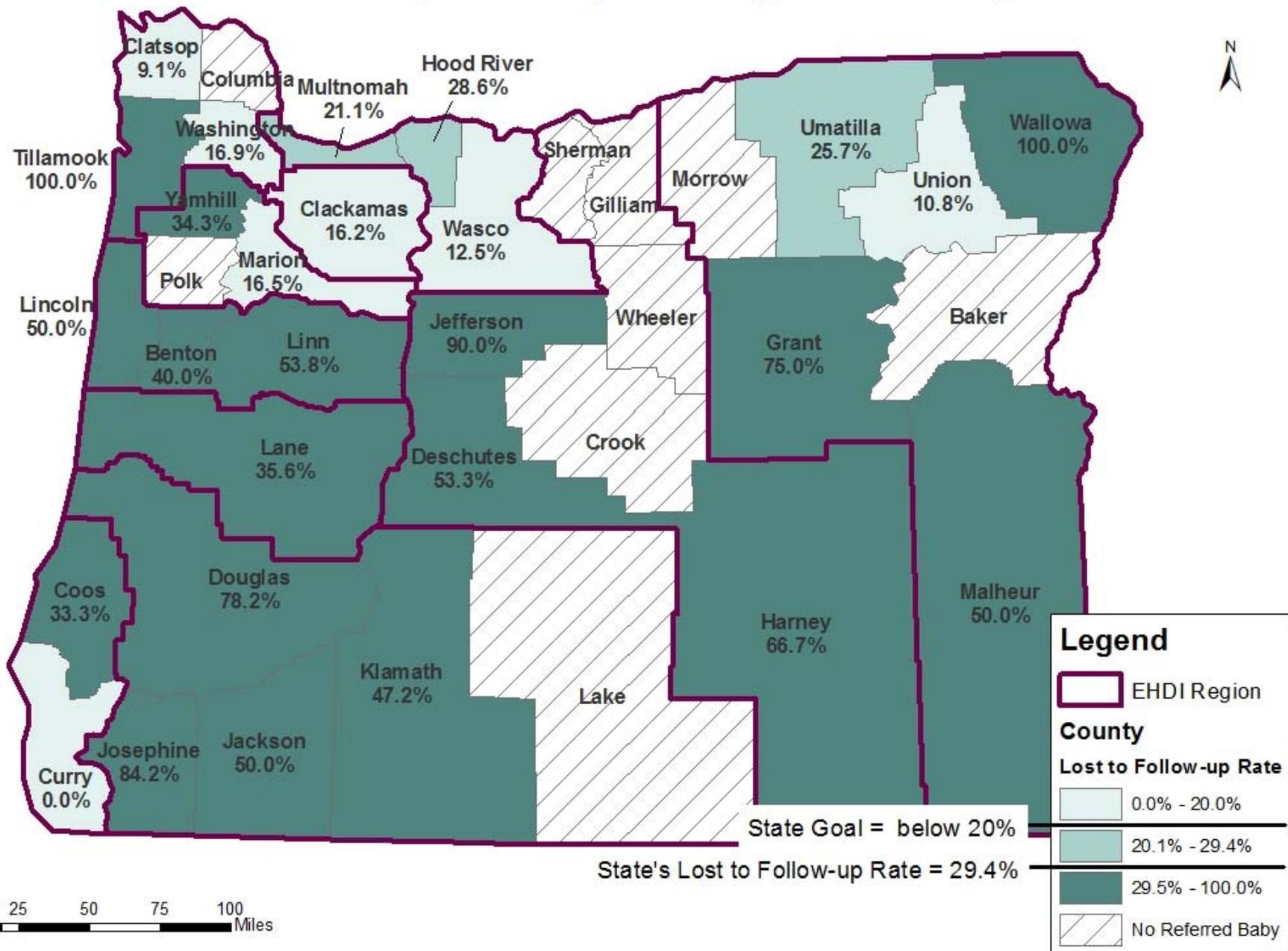
Year	Referred infants	Unresp*	Unk	Unable to contact	Family declined	Moved/ Non-res.	Others
2011	1223	639	0	0	1	33	25
2012	1287	623	1	0	2	26	63
2013	1363	395	0	4	16	38	41
2014	1277	103	125	14	52	33	11
2015 (Prelim.)	1400	79	230	22	27	29	12

* Category definition changed for 2014 CDC HSFS

Diagnostic trends 2014-2015: Percent Referred Babies with...



Lost to Follow-up Rate by County, Preliminary 2015



0 12.5 25 50 75 100 Miles

THREE

Diagnostic follow up by region: 2013-2015

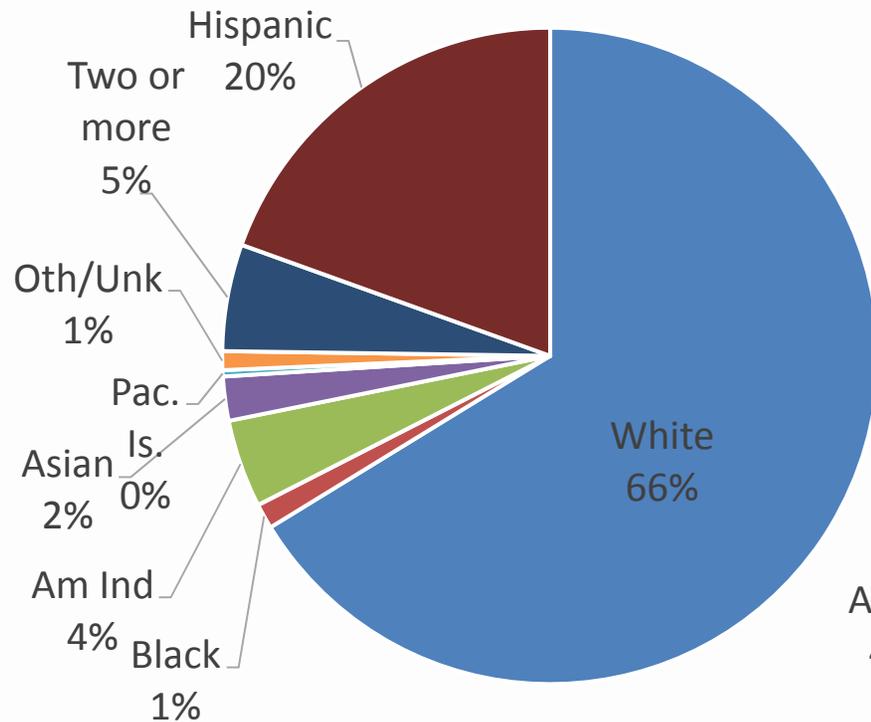
Percent of referred infants with diagnostic follow up by region of birth	2013		2014		2015 (Prelim)	
	Count	Pct.	Count	Pct.	Count	Pct.
Total	838	61%	932	74.3%	988	70.6%
Multnomah, Hood River, Wasco	146	63%	317	84.3%	359	78.9%
Columbia, Clatsop, Tillamook, Washington	146	80%	104	86.0%	128	75.3%
Clackamas	44	66%	35	62.5%	98	83.8%
Lane	204	71%	125	78.1%	56	64.4%
Yamhill, Polk, Marion	117	76%	119	77.8%	139	79.9%
Douglas, Josephine, Jackson, Klamath, Lake	37	29%	48	39.0%	61	37.2%
Sherman, Gilliam, Wheeler, Jefferson, Crook, Deschutes, Harney	31	33%	28	48.3%	16	37.2%
Benton, Linn, Lincoln, Coos, Curry	43	46%	44	75.9%	38	61.3%
Morrow, Umatilla, Union, Wallowa, Baker, Grant, Malheur	70	56%	112	74.7%	93	72.7%

Demographic Comparison, 2014:

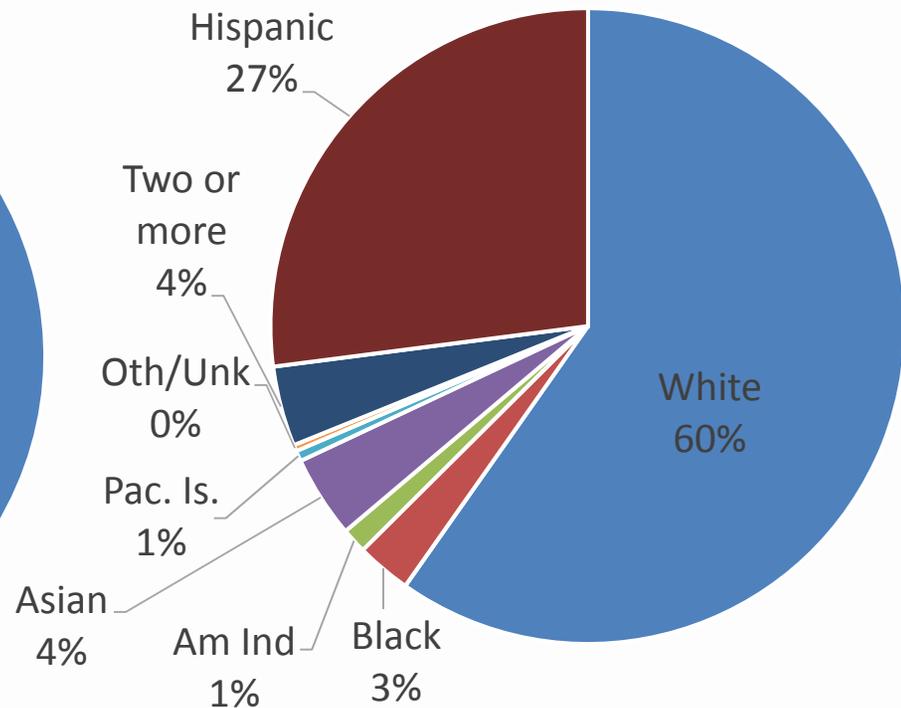
Lost to Follow-up (LFU) Population vs Complete Diagnosis Population

Demographic Characteristics: Race/Ethnicity

LFU Pop., 2014

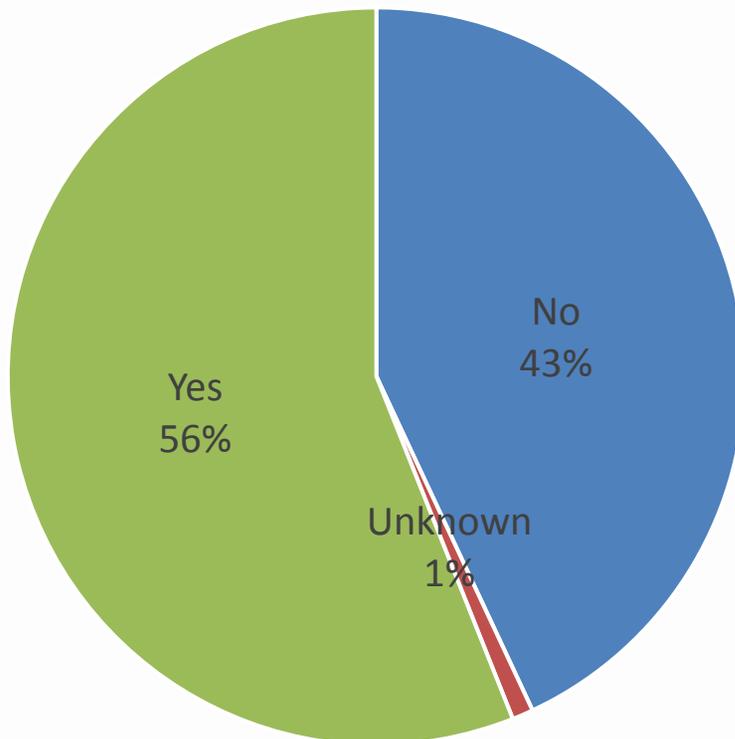


Complete Dx Pop., 2014

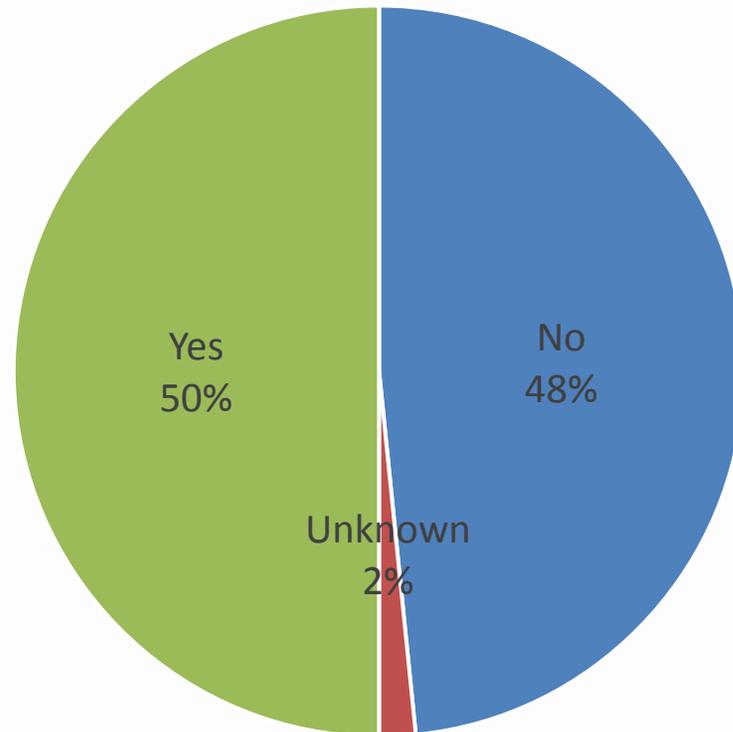


Demographic Characteristics: Mother received WIC at delivery

LFU Pop., 2014

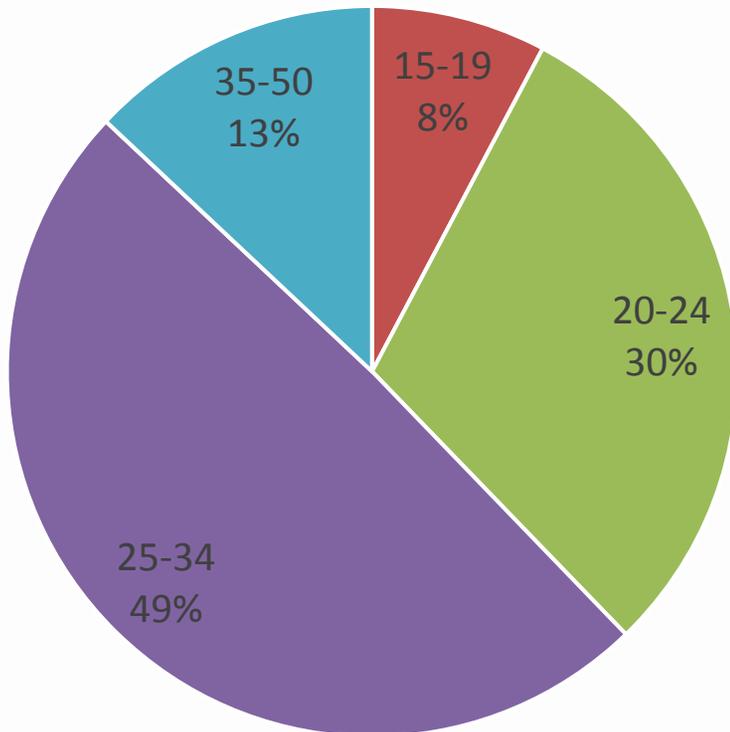


Complete Dx Pop., 2014

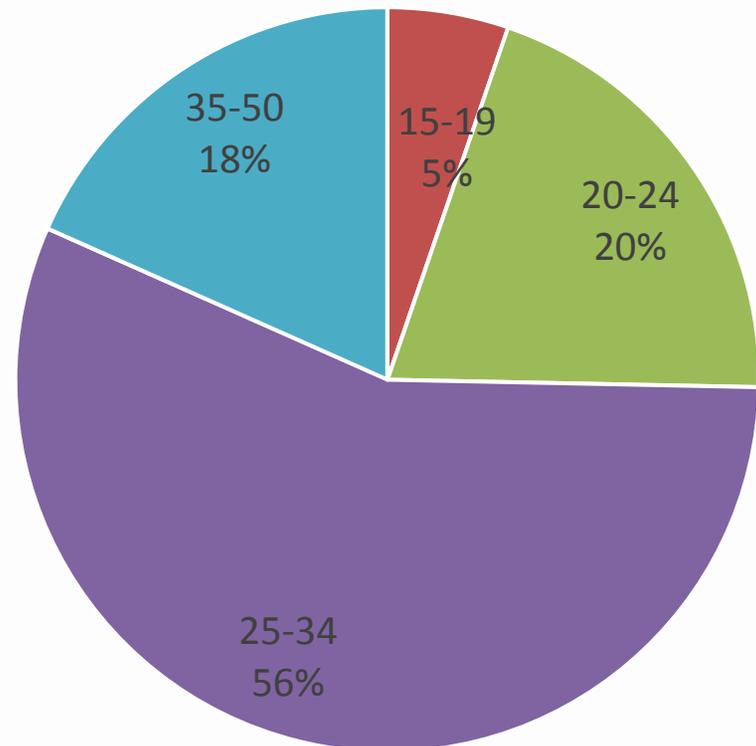


Demographic Characteristics: Mother's age

LFU Pop., 2014

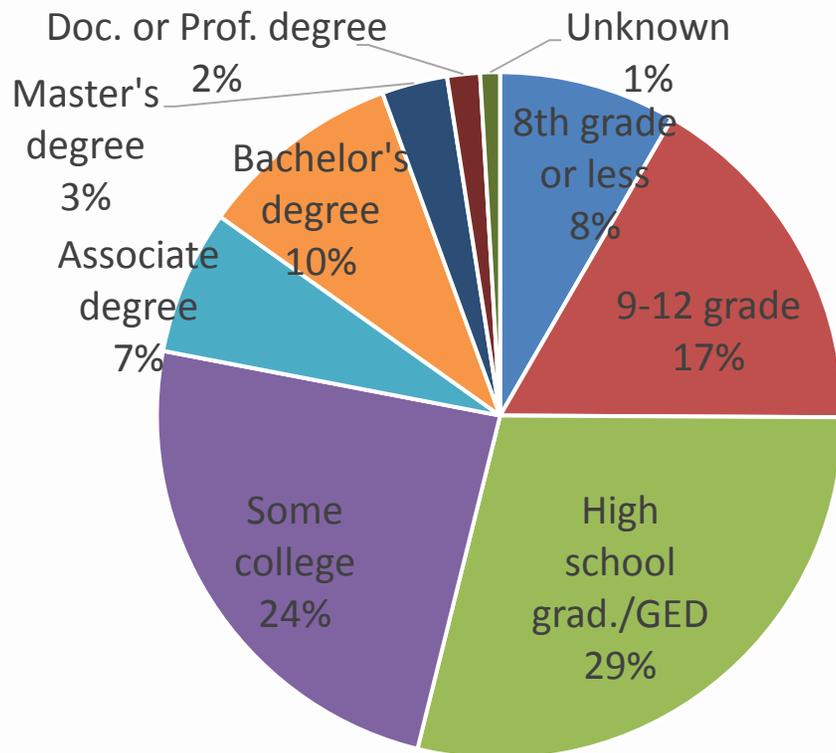


Complete Dx Pop., 2014

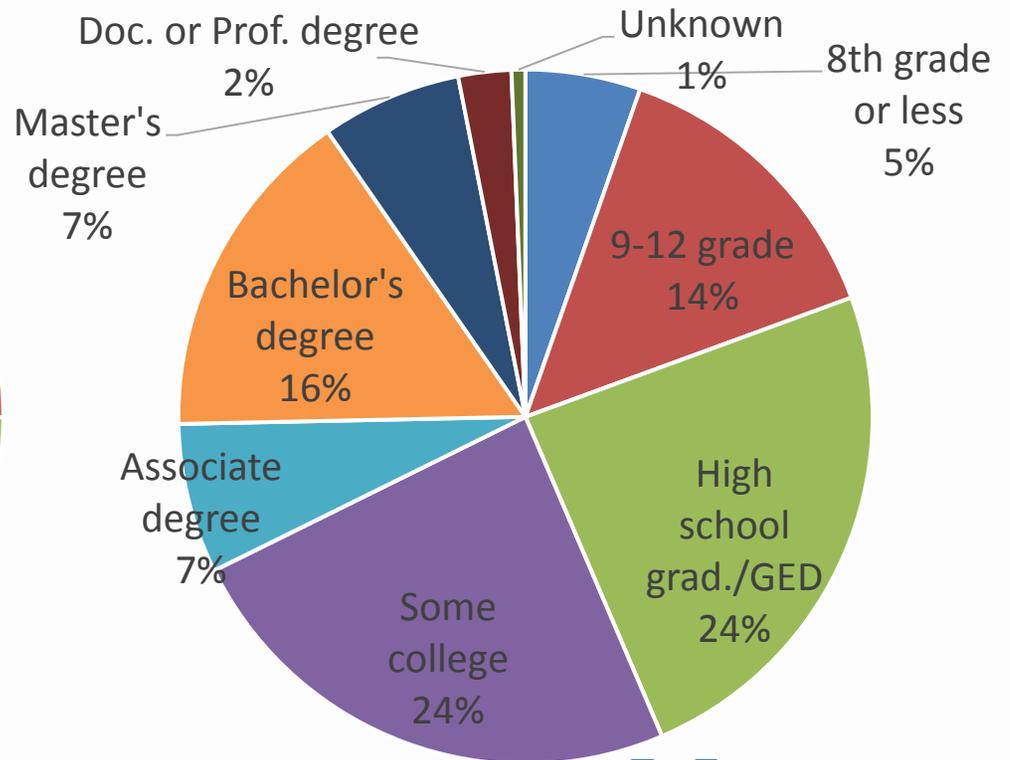


Demographic Characteristics: Mother's education

LFU Pop., 2014

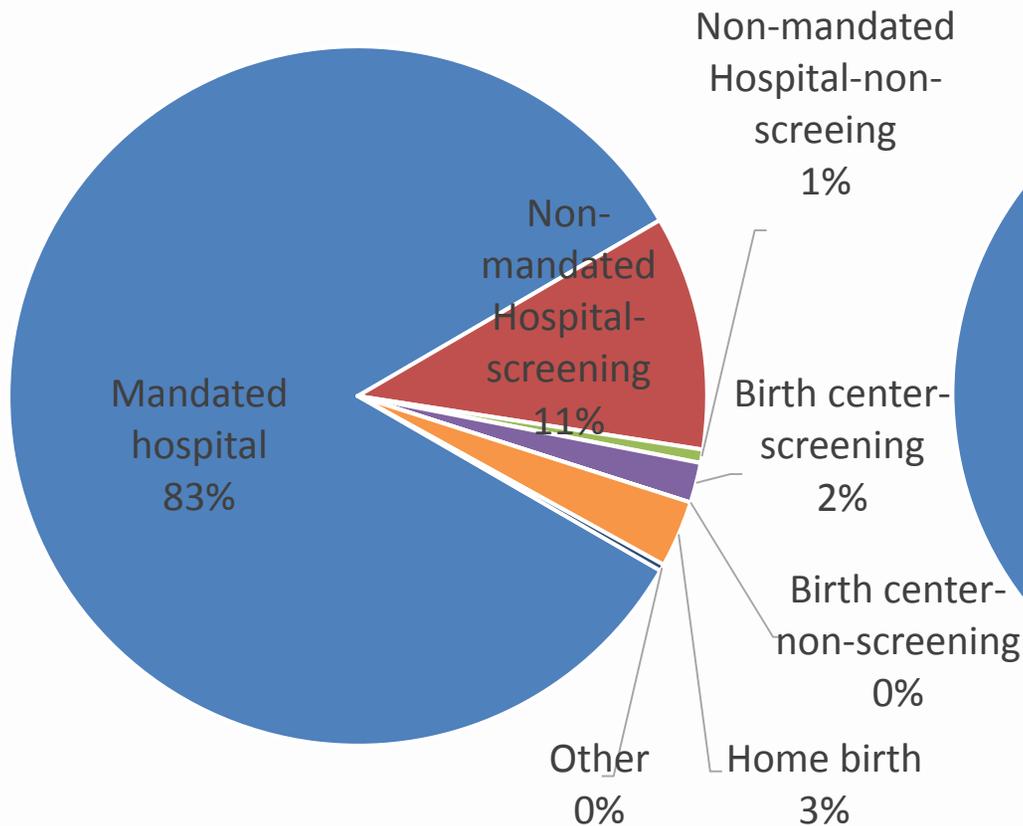


Complete Dx Pop., 2014

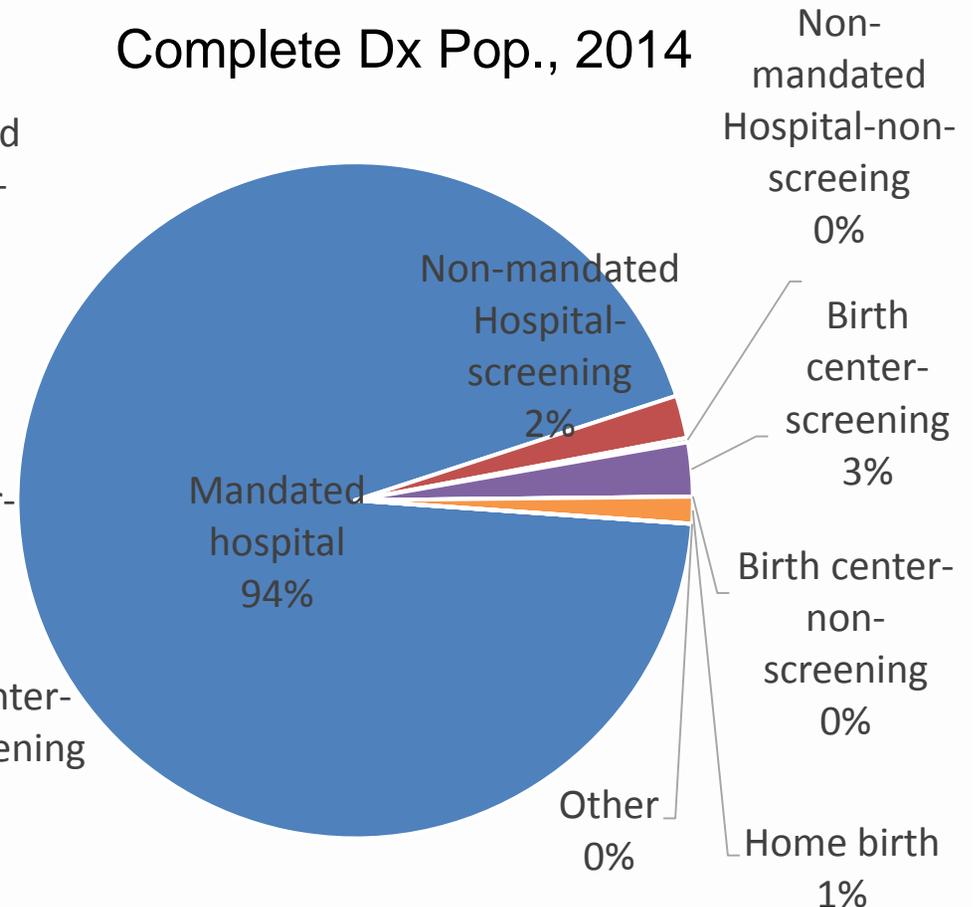


Demographic Characteristics: Type of Birth Facility

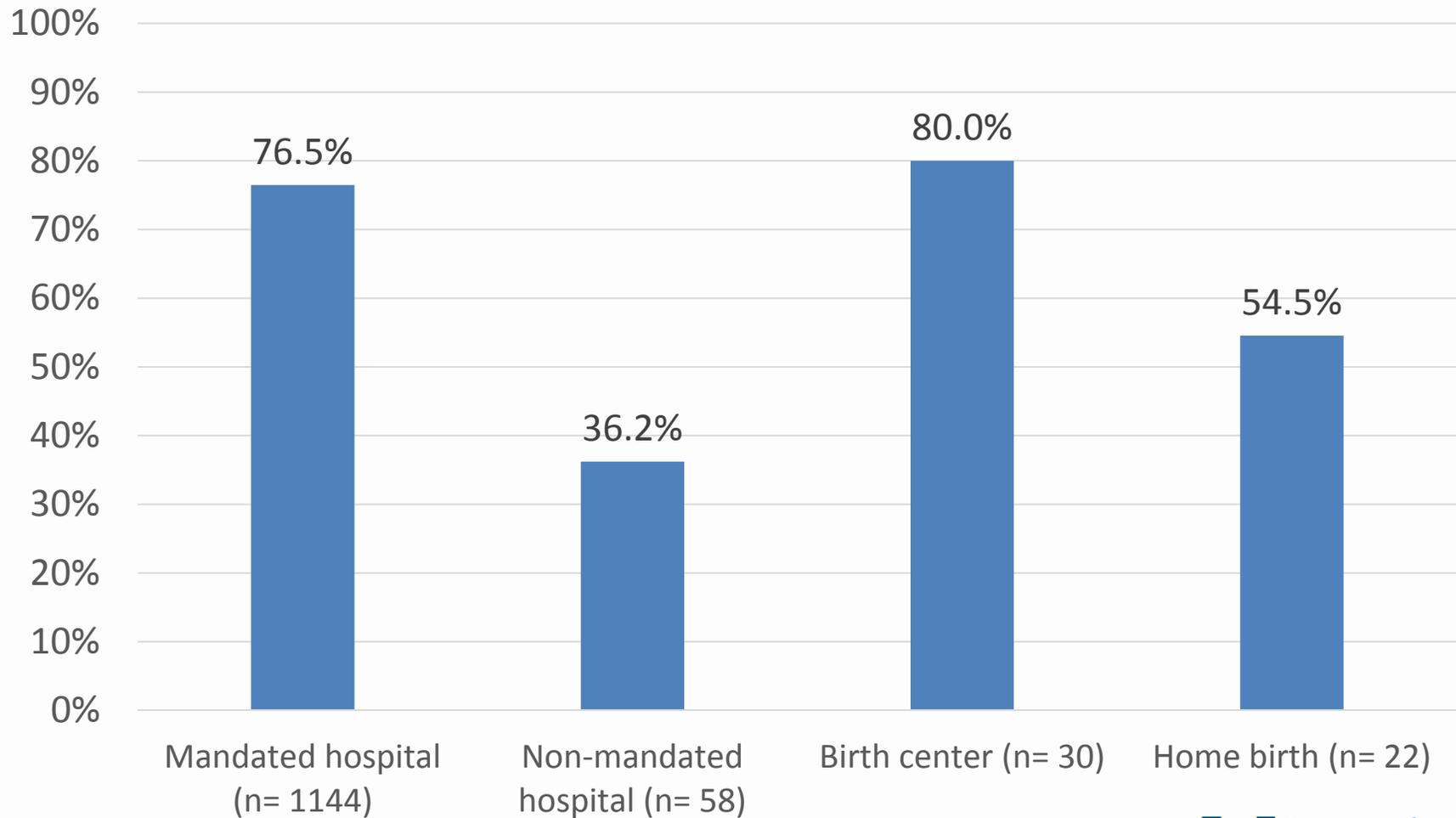
LFU Pop., 2014



Complete Dx Pop., 2014



Follow-up Rate by Facility Type, 2014

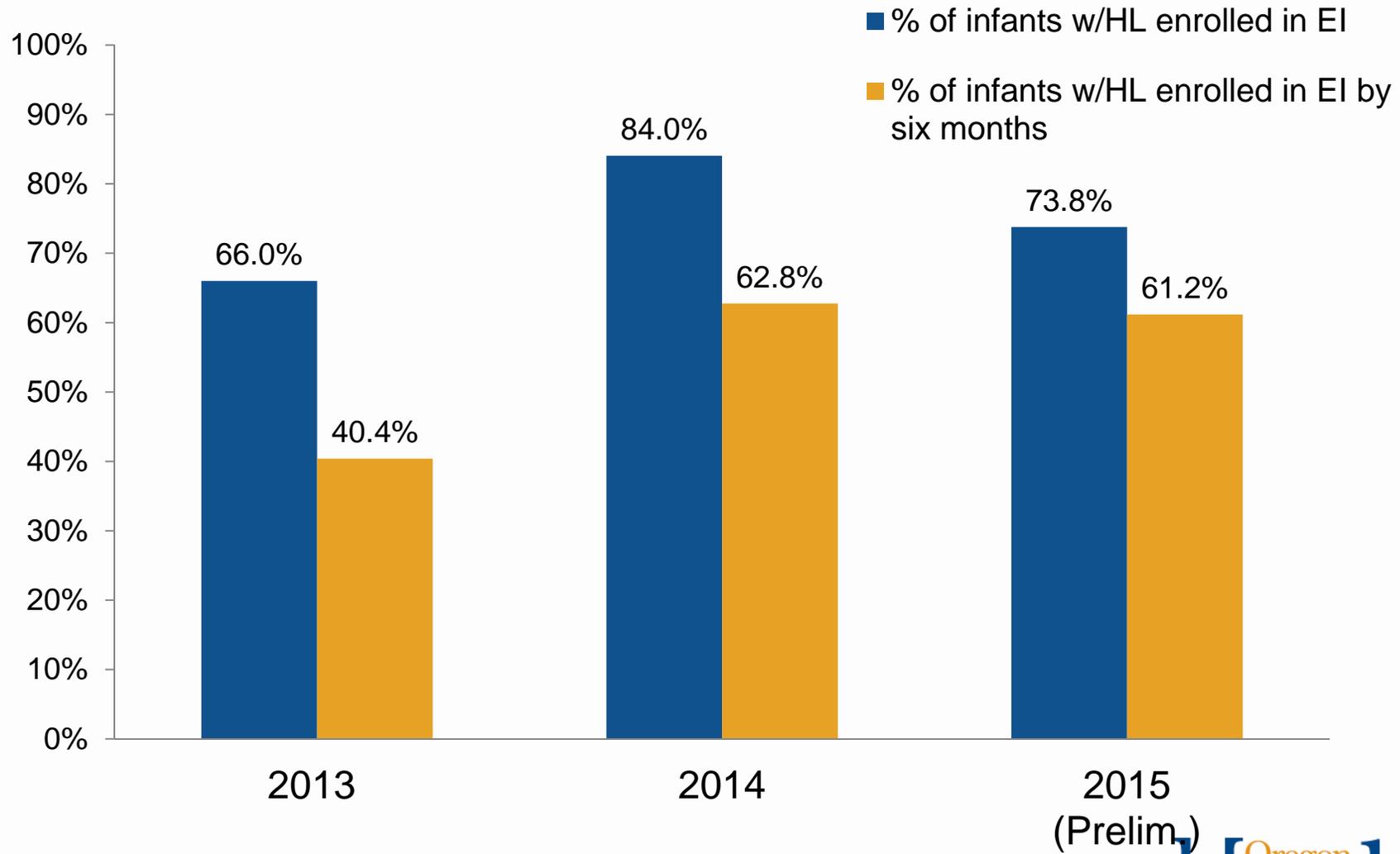


n= Number of infants referred

Infants with hearing loss by region: 2014-2015

Hearing loss by year of birth and region	2014			2015		
	Total Births	Exp. Hearing Loss Pop.	Obs. Hearing Loss Pop.	Total Births	Exp. Hearing Loss Pop.	Obs. Hearing Loss Pop.
Total	45,972	46 - 138	94	45,969	46 - 138	103
Multnomah, Hood River, Wasco	11,654	12 - 35	36	11,676	12 - 35	37
Columbia, Clatsop, Tillamook, Washington	7,132	7 - 21	17	7,108	7 - 21	16
Clackamas	4,506	5 - 14	<10	4,620	5 - 14	<10
Lane	3,934	4 - 12	<10	3,893	4 - 12	11
Yamhill, Polk, Marion	6,250	6 - 19	13	6,150	6 - 18	15
Douglas, Josephine, Jackson, Klamath, Lake	5,132	5 - 15	<10	5,190	5 - 16	<10
Sherman, Gilliam, Wheeler, Jefferson, Crook, Deschutes, Harney	2,425	2 - 7	<10	2,392	2 - 7	<10
Benton, Linn, Lincoln, Coos, Curry	3,113	3 - 9	<10	3,174	3 - 10	<10
Morrow, Umatilla, Union, Wallowa, Baker, Grant, Malheur	1,826	2 - 5	<10	1,766	2 - 5	<10

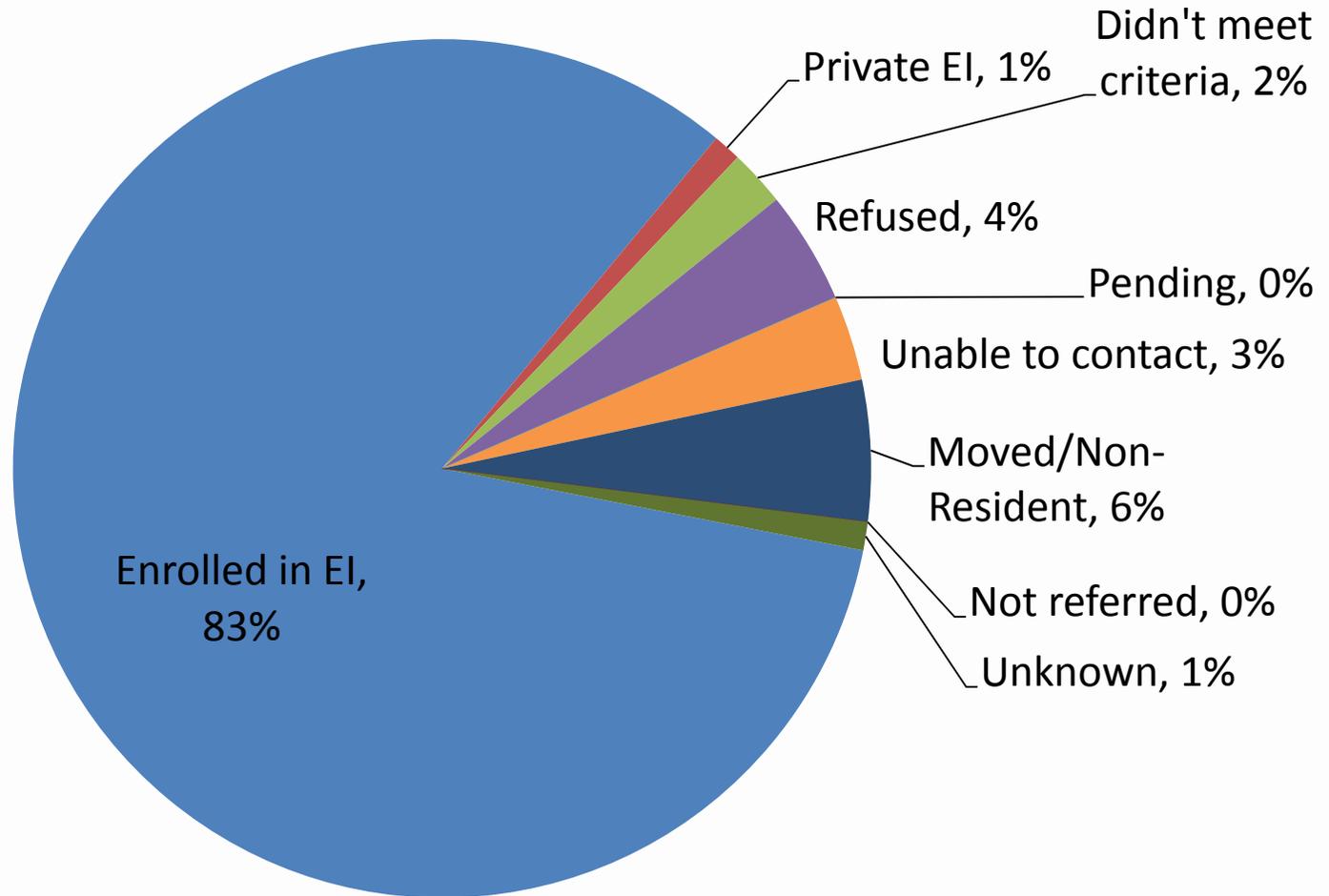
EI enrollment trends: 2013-2015



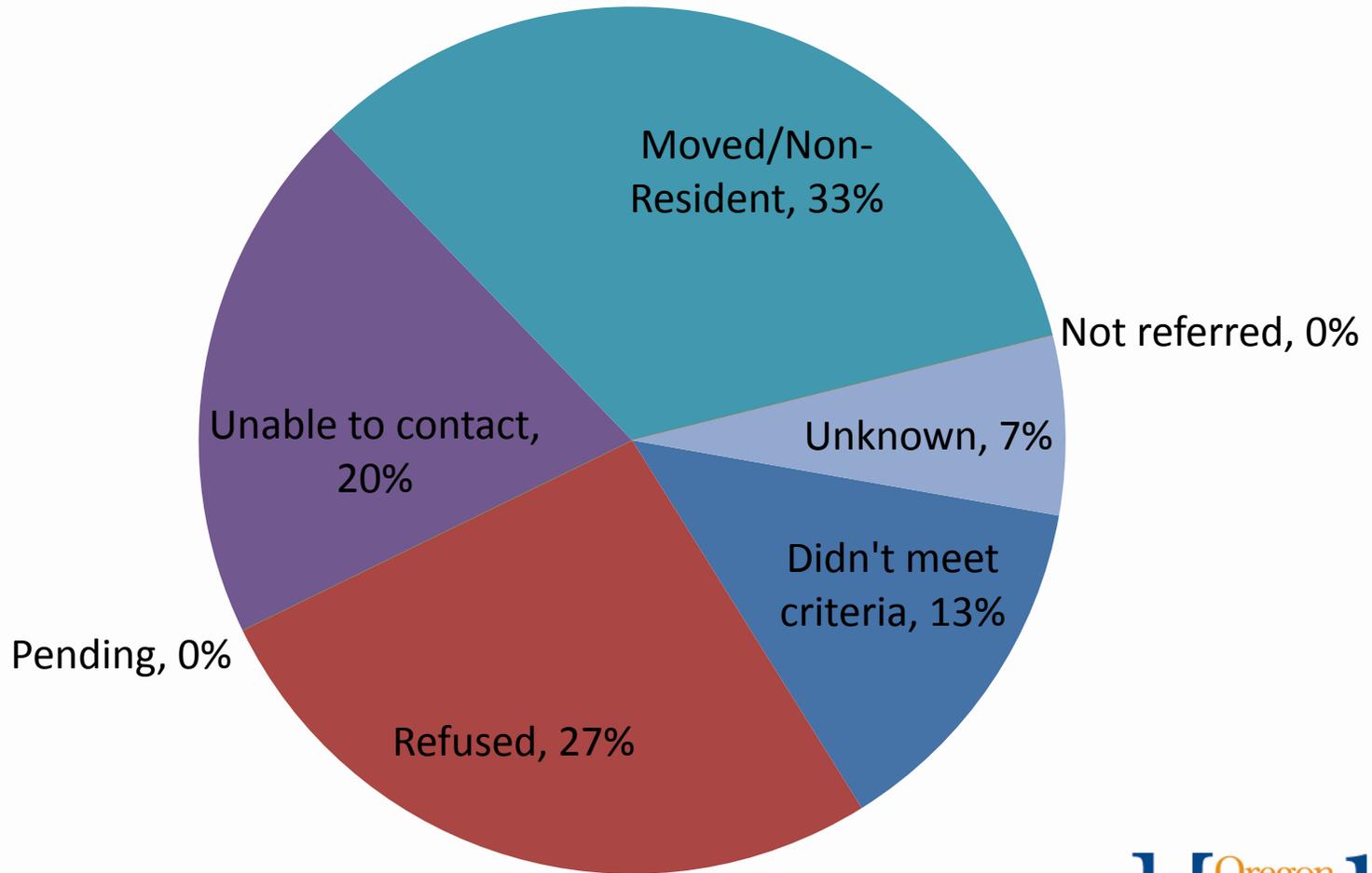
EI enrollment trends by region: 2013-2015

EI enrollment by year of birth and region	2013		2014		2015 (Prelim.)	
	Count	Pct.	Count	Pct.	Count	Pct.
Total	62	66%	79	84.0%	76	73.8%
Multnomah, Hood River, Wasco	23	70%	29	80.6%	26	70.3%
Columbia, Clatsop, Tillamook, Washington	14	70%	16	94.1%	12	75.0%
Clackamas	<10	50%	<10	83.3%	<10	87.5%
Lane	<10	100%	<10	75.0%	<10	54.5%
Yamhill, Polk, Marion	<10	78%	10	76.9%	11	73.3%
Douglas, Josephine, Jackson, Klamath, Lake	<10	38%	<10	100.0%	<10	100.0%
Sherman, Gilliam, Wheeler, Jefferson, Crook, Deschutes, Harney	<10	0%	<10	33.3%	<10	100.0%
Benton, Linn, Lincoln, Coos, Curry	<10	71%	<10	100.0%	<10	100.0%
Morrow, Umatilla, Union, Wallowa, Baker, Grant, Malheur	<10	40%	<10	100.0%	<10	50.0%

EI Enrollment Status: 2014 (Final)



Reason Not Enrolled in EI: 2014 (Final, n=15)



Questions??

Thank you!