

**Table. COLO ACH 2015 Baseline SIR Data**

Year	Number of Reporting Facilities	Number of Procedures	Number of SSI Events	Number of Predicted Infections	SIR	95% CI Lower Bound	95% CI Upper Bound	Number of facilities with Greater or Equal to 1 Predicted Infections	No. Facilities with SIR Significantly > National SIR		No. Facilities with SIR Significantly < National SIR		p10	p25	p50	p75	p90
2015	3,115	302,784	8,257	8236.117	1.003	0.981	1.024	2010	143	7%	81	4%	0.000	0.379	0.812	1.388	1.932
2016	3,107	318,208	8,225	8696.633	0.946	0.925	0.966	2010	126	6%	79	4%	0.000	0.328	0.790	1.293	1.880
2017	3,145	320,167	8,048	8777.944	0.917	0.897	0.937	2006	120	6%	76	4%	0.000	0.328	0.752	1.269	1.848
2018	3,114	322,702	7,971	8887.205	0.897	0.877	0.917	1990	120	6%	70	4%	0.000	0.315	0.760	1.244	1.746
2019	3,095	329,431	7,973	9099.622	0.876	0.857	0.896	1994	122	6%	87	4%	0.000	0.302	0.723	1.214	1.726
2020	3,054	283,597	6,644	7961.951	0.834	0.815	0.855	1854	100	5%	67	4%	0.000	0.259	0.711	1.139	1.683
2021	3,069	322,075	7,753	9070.996	0.855	0.836	0.874	1978	119	6%	56	3%	0.000	0.301	0.732	1.154	1.687

**Table. HYST ACH 2015 Baseline SIR Data**

Year	Number of Reporting Facilities	Number of Procedures	Number of SSI Events	Number of Predicted Infections	SIR	95% CI Lower Bound	95% CI Upper Bound	Number of facilities with Greater or Equal to 1 Predicted Infections	No. Facilities with SIR Significantly > National SIR		No. Facilities with SIR Significantly < National SIR		p10	p25	p50	p75	p90
2015	3,003	303,938	2,511	2508.596	1.001	0.962	1.041	793	40	5%	9	1%	0.000	0.000	0.790	1.549	2.242
2016	2,964	302,573	2,193	2519.489	0.87	0.835	0.907	801	45	6%	12	1%	0.000	0.000	0.710	1.272	1.978
2017	2,955	295,636	2,144	2472.253	0.867	0.831	0.905	770	37	5%	15	2%	0.000	0.000	0.722	1.245	1.952
2018	2,935	294,161	2,237	2472.832	0.905	0.868	0.943	770	38	5%	12	2%	0.000	0.000	0.735	1.292	1.921
2019	2,913	336,231	2,651	2838.031	0.934	0.899	0.97	869	60	7%	15	2%	0.000	0.236	0.738	1.400	2.164
2020	2,842	255,782	1,887	2190.423	0.861	0.823	0.901	679	39	6%	6	1%	0.000	0.000	0.719	1.374	2.023
2021	2,804	270,326	2,321	2339.888	0.992	0.952	1.033	701	45	6%	11	2%	0.000	0.275	0.810	1.575	2.392