

**Supplemental Table 1. Yearly BSI Rates by Institution in Trabecular-Rich Bone Sites**

Phase	Institution 1				Institution 2			
	N	Trabecular BSI Events	Person-Years	Rate	N	Trabecular BSI Events	Person-Years	Rate
Historical								
Year 1	21	8	17.7	0.45	14	1	12.2	0.08
Year 2	23	3	20.2	0.15	13	3	12.0	0.25
Year 3	22	5	19.9	0.25	9	0	8.2	0.00
Total	36	16	57.8	0.28	20	4	32.3	0.12
Pilot								
Year 1	17	1	16.7	0.06	13	0	11.9	0.00
Year 2	19	7	16.5	0.42	15	1	13.3	0.08
Year 3	22	6	18.1	0.33	22	2	18.7	0.11
Total	31	14	51.3	0.27	35	3	43.8	0.07
Intervention								
Year 1	21	3	19.0	0.16	28	2	23.7	0.08
Year 2	19	2	16.5	0.12	24	3	21.6	0.14
Year 3	18	2	16.3	0.12	20	0	18.2	0.00
Year 4	16	1	10.4	0.10	20	1	11.5	0.09
Total	34	8	62.2	0.13	44	6	75.1	0.08