

Supplementary Table 1. The differences in reported cases between the 1st sentinel system and the 1st universal system

Code <sup>1</sup>	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	pre6 (05-10) <sup>2</sup>	post6(11-16) <sup>3</sup>	Difference <sup>4,5</sup>
1	0	0	0	16	19	37	145	104	80	65	6	4	10	6	14	0	450	40	-410
2	3	2	0	7	24	63	44	21	15	14	10	1	4	5	0	0	181	20	-161
3	2	13	82	16	14	10	25	45	42	16	0	0	0	1	0	1	152	2	-150
4	1	2	0	1	3	18	14	57	18	37	12	5	2	0	0	0	147	19	-128
5	0	0	0	15	16	20	25	39	34	10	0	0	0	8	8	10	144	26	-118
6	3	3	1	4	19	54	83	40	32	63	52	35	35	22	18	12	291	174	-117
7	6	1	1	0	6	18	25	30	22	39	5	7	15	7	0	0	140	34	-106
8	3	0	0	0	18	12	37	34	10	8	3	3	3	7	6	3	119	25	-94
9	0	0	0	0	0	44	30	15	13	18	13	5	2	4	4	12	120	40	-80
10	0	0	0	16	3	12	32	31	1	1	0	0	0	0	4	0	80	4	-76
11	0	0	0	0	0	0	10	14	37	15	0	0	0	0	2	0	76	2	-74
12	0	0	0	0	0	17	12	15	15	14	2	3	0	3	1	4	73	13	-60
13	0	8	20	30	18	27	14	16	11	4	3	0	4	1	9	16	90	33	-57
14	0	0	0	0	12	18	32	27	22	43	8	17	19	17	25	20	154	106	-48
15	0	0	9	2	0	0	5	20	31	19	7	4	1	8	5	3	75	28	-47
16	0	0	0	4	5	6	17	16	5	0	0	0	0	0	1	1	49	2	-47
17	0	0	0	6	1	3	16	9	12	8	2	0	0	0	0	0	49	2	-47
18	0	0	0	0	0	0	4	16	20	8	2	0	0	0	0	0	48	2	-46
19	0	0	0	2	3	21	14	9	0	0	0	0	1	0	1	0	47	2	-45
20	4	0	0	0	0	1	21	25	14	5	1	4	5	5	4	7	66	26	-40
21	0	0	0	11	6	6	2	18	4	5	0	0	1	0	0	0	41	1	-40
22	0	0	0	9	9	11	5	4	7	3	1	0	0	0	0	0	39	1	-38
23	1	0	1	14	2	10	9	16	10	0	0	2	2	4	0	2	47	10	-37
24	0	0	0	8	12	10	5	0	6	4	0	0	0	0	1	0	37	1	-36
25	0	0	0	0	0	1	0	32	14	0	0	0	5	2	3	2	47	12	-35
26	0	0	0	0	0	0	15	15	0	7	3	0	0	0	0	0	37	3	-34
27	21	2	9	15	7	8	15	0	0	6	2	1	0	0	2	0	36	5	-31
28	21	18	38	24	30	17	0	5	9	15	7	8	7	9	9	6	76	46	-30
29	0	0	0	0	0	0	0	0	23	64	14	1	0	0	1	43	87	59	-28
30	0	4	0	0	3	9	3	4	23	0	12	1	0	0	0	1	42	14	-28
31	0	0	0	6	0	7	8	6	7	2	0	0	2	0	0	0	30	2	-28
32	0	0	0	0	0	0	2	13	14	2	3	0	0	0	0	0	31	3	-28
33	2	1	0	0	0	6	10	4	4	3	2	0	0	0	0	0	27	2	-25
34	0	0	0	4	3	0	0	0	0	25	0	3	0	0	0	0	28	3	-25
35	1	0	0	0	0	0	0	16	4	5	0	0	0	0	0	1	25	1	-24
36	0	0	0	4	8	4	0	7	12	1	3	2	2	1	0	0	32	8	-24
37	0	1	0	1	3	3	10	9	4	2	2	2	0	0	2	1	31	7	-24
38	14	8	8	8	4	6	0	8	11	11	3	5	3	3	1	2	40	17	-23
39	0	0	0	0	0	0	0	2	1	1	1	2	3	0	3	5	4	14	10
40	0	0	0	0	0	0	0	0	1	1	0	0	0	3	1	8	2	12	10
41	0	0	0	0	0	0	0	0	2	2	6	0	2	3	2	1	4	14	10
42	0	0	0	0	0	0	0	0	16	8	1	0	4	4	15	11	24	35	11
43	0	0	0	0	1	4	6	2	0	0	3	2	1	0	0	18	13	24	11
44	0	0	0	1	0	2	0	0	0	0	0	0	0	5	4	4	2	13	11
45	0	0	0	0	0	0	0	0	5	1	6	4	1	4	2	1	6	18	12
46	0	0	0	0	0	0	0	0	0	2	1	4	3	0	3	3	2	14	12
47	0	0	0	0	5	0	1	2	0	0	3	2	3	2	2	8	8	20	12
48	0	0	0	0	0	0	0	0	7	10	0	0	8	6	9	7	17	30	13
49	2	0	3	3	2	2	3	0	3	2	2	3	1	4	3	13	12	26	14
50	0	0	1	0	0	4	6	5	2	3	4	6	4	4	7	9	20	34	14
51	0	0	1	0	1	0	0	0	0	3	1	0	5	8	5	1	4	20	16
52	0	0	0	0	0	0	0	0	0	1	0	6	2	10	0	2	1	20	19
53	1	1	7	8	3	6	1	3	2	0	9	7	7	7	4	1	15	35	20
54	0	0	0	0	0	3	3	6	5	4	7	10	10	5	7	2	21	41	20
55	0	0	0	0	0	5	1	1	0	0	0	5	4	6	4	8	7	27	20
56	8	1	1	8	4	1	0	1	0	0	0	2	4	5	8	10	6	29	23
57	0	0	0	0	0	0	0	0	2	2	5	6	1	4	10	4	4	30	26
58	3	1	7	0	1	10	2	5	1	0	3	3	5	16	8	12	19	47	28
59	2	3	0	0	3	1	0	0	0	0	2	4	0	7	7	14	4	34	30
60	0	0	0	0	2	0	0	0	0	0	0	0	0	7	24	2	2	33	31
61	0	0	0	0	0	0	0	35	33	39	39	34	37	42	20	8	107	180	73

<sup>1</sup>Code. Anonymous code assigned for reporting medical facilities

<sup>2</sup>pre6 (05-10). Reported all syphilis cases from 2005 to 2010. Represents all cases during 1st sentinel surveillance.

<sup>3</sup>post6(11-16).Reported all syphilis cases from 2011 to 2016. Represents all cases during 1st universal surveillance

<sup>4</sup>Difference. Differences in the reported cases between the 1st sentinel and the 1st universal surveillance system. <sup>5</sup>Negative means decreased and positive means increased.