

TABLE 1. Distribution of the ten most frequent *Shigella* serogroups and (sub-)serotypes in Bangui, Central African Republic, 2002–2013

<i>Shigella</i>	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total	<i>P</i>
Serogroups/ serotypes	<i>n</i> =14 <i>n</i> (%)	<i>n</i> =22 <i>n</i> (%)	<i>n</i> =59 <i>n</i> (%)	<i>n</i> =60 <i>n</i> (%)	<i>n</i> =82 <i>n</i> (%)	<i>n</i> =51 <i>n</i> (%)	<i>n</i> =26 <i>n</i> (%)	<i>n</i> =11 <i>n</i> (%)	<i>n</i> =8 <i>n</i> (%)	<i>n</i> =39 <i>n</i> (%)	<i>n</i> =44 <i>n</i> (%)	<i>n</i> =27 <i>n</i> (%)	<i>n</i> =443 <i>n</i> (%)	
<i>flexneri</i> *	8 (57.1)	14 (63.6)	34 (57.6)	34 (56.7)	49 (59.8)	32 (62.7)	9 (34.6)	5 (45.4)	5 (62.5)	18 (46.2)	22 (50.0)	13 (48.1)	243 (54.9)	NS
1	0	0	0	0	1 (1.2)	0	0	0	0	0	0	0	1 (0.2)	NS
1a	0	0	0	0	1 (1.2)	0	0	0	1 (12.5)	0	1 (2.3)	0	3 (0.7)	0.03
1b	0	5 (22.7)	11 (18.7)	13 (21.7)	15 (18.3)	5 (9.8)	3 (11.5)	0	2 (25.0)	2 (5.1)	2 (4.5)	1 (3.7)	59 (13.3)	0.03
1c	1 (7.1)	0	6 (10.2)	0	0	2 (3.9)	0	0	0	0	0	0	9 (2.0)	0.002
<b>2a<sup>a</sup></b>	<b>7 (50.0)</b>	<b>5 (22.7)</b>	<b>3 (5.1)</b>	<b>8 (13.3)</b>	<b>3 (3.7)</b>	<b>6 (11.8)</b>	<b>0</b>	<b>1 (9.1)</b>	<b>0</b>	<b>1 (2.6)</b>	<b>6 (13.6)</b>	<b>0</b>	<b>40 (9.0)</b>	<b>&lt;0.001</b>
<b>3a<sup>a</sup></b>	<b>0</b>	<b>0</b>	<b>7 (11.9)</b>	<b>2 (3.3)</b>	<b>7 (8.5)</b>	<b>8 (15.7)</b>	<b>3 (11.5)</b>	<b>1 (9.1)</b>	<b>1 (12.5)</b>	<b>2 (5.1)</b>	<b>3 (6.8)</b>	<b>4 (14.8)</b>	<b>38 (8.6)</b>	<b>NS</b>
3b	0	0	0	0	1 (1.2)	0	0	0	0	0	1 (2.3)	0	2 (0.5)	NS
4a	0	1 (4.5)	0	0	3 (3.7)	7 (13.7)	2 (7.7)	1 (9.1)	0	2 (5.1)	5 (11.4)	4 (14.8)	25 (5.6)	0.02
4c	0	0	2 (3.4)	4 (6.7)	2 (2.4)	1 (2.0)	0	0	0	1 (2.6)	0	0	10 (2.3)	NS
<b>6<sup>a</sup></b>	<b>0</b>	<b>3 (13.6)</b>	<b>5 (8.5)</b>	<b>7 (11.7)</b>	<b>15 (18.3)</b>	<b>3 (5.9)</b>	<b>1 (3.8)</b>	<b>2 (18.2)</b>	<b>1 (12.5)</b>	<b>10 (25.6)</b>	<b>4 (9.1)</b>	<b>3 (11.1)</b>	<b>64 (14.4)</b>	<b>NS</b>
7	0	0	0	0	0	0	0	0	0	0	0	1 (3.7)	1 (0.2)	NS
8	0	0	0	0	0	0	0	0	1 (12.5)	0	0	0	1 (0.2)	NS
9	0	0	0	0	0	0	1 (3.8)	0	0	0	0	0	1 (0.2)	NS
y	0	0	0	0	1 (1.2)	0	0	0	0	0	0	0	1 (0.2)	NS
prov93-119	0	0	0	0	0	0	0	0	0	0	0	1 (3.7)	1 (0.2)	NS
prov96-204	0	0	0	0	0	0	0	0	0	0	0	1 (3.7)	1 (0.2)	NS
<b><i>sonnei</i></b>	<b>4 (28.6)</b>	<b>1 (4.5)</b>	<b>7 (11.9)</b>	<b>9 (15.0)</b>	<b>9 (11.0)</b>	<b>8 (15.7)</b>	<b>9 (34.6)</b>	<b>4 (36.4)</b>	<b>1 (12.5)</b>	<b>18 (46.2)</b>	<b>13 (29.5)</b>	<b>7 (25.9)</b>	<b>90 (20.3)</b>	<b>&lt;0.001</b>
<i>dysenteriae</i> †	0	5 (22.7)	11 (18.6)	12 (20)	15 (18.3)	6 (11.8)	6 (23.1)	0	1 (12.5)	3 (7.7)	6 (13.6)	7 (25.9)	72 (16.3)	NS
2	0	3 (13.6)	8 (13.6)	7 (11.7)	9 (11.0)	3 (5.9)	1 (3.8)	0	0	0	2 (4.5)	0	33 (7.4)	NS
3	0	2 (9.1)	0	5 (8.3)	5 (6.1)	1 (2.0)	1 (3.8)	0	0	2 (5.1)	3 (6.8)	0	19 (4.3)	NS
4	0	0	0	0	1 (1.2)	2 (3.9)	1 (3.8)	0	0	0	0	2 (7.4)	6 (1.3)	NS
12	0	0	0	0	0	0	2 (7.7)	0	0	1 (2.6)	0	3 (11.1)	6 (1.3)	0.03
<i>boydii</i>	2 (14.3)	2 (9.1)	7 (11.9)	4 (6.7)	9 (11.0)	4 (7.8)	2 (7.7)	2 (18.2)	0	0	2 (4.5)	0	34 (7.7)	NS
1	1 (7.1)	1 (4.5)	2 (3.4)	1 (1.7)	2 (2.4)	0	0	0	0	0	1 (2.3)	0	8 (1.8)	NS
2	0	0	0	2 (3.3)	4 (4.9)	0	1 (3.8)	1 (9.1)	0	0	0	0	8 (1.8)	NS
4	0	0	3 (5.1)	1 (1.7)	0	1 (2.0)	0	1 (9.1)	0	0	0	0	6 (1.3)	NS
18	1 (7.1)	0	1 (1.7)	0	1 (1.2)	0	1 (3.8)	0	0	0	0	0	4 (0.9)	NS
Undetermined	0 (0)	0 (0)	0 (0)	1 (1.7)	0 (0)	1 (2.0)	0 (0)	0 (0)	1 (12.5)	0 (0)	1 (2.3)	0 (0)	4 (0.9)	NS

\* *S. flexneri* serotypes proposed for inclusion, along with *S. sonnei*, in a quadrivalent broad-spectrum *Shigella* vaccine are shown in bold.

† Only the four most frequent serotypes are shown.