

Segment 4

SNPs

A-PuertoRico-8-1934	9	4	12	8	9	14	15	5	14	5	5	3	7	5	3	9	6	0
A-FortMonmouth-1-1947	9	8	17	8	18	8	13	7	14	6	7	7	8	7	11	6	6	0
A-Albany-4836-1950	8	10	15	10	19	10	16	11	17	5	8	4	7	8	10	8	5	0
A-NewJersey-1976	12	17	15	10	14	11	14	11	12	14	9	10	13	10	18	18	11	0
A-USSR-92-1977	8	11	16	11	17	9	16	12	16	7	7	4	7	8	10	9	4	0
A-India-6263-1980	8	11	16	12	17	9	22	12	17	9	8	5	7	9	10	9	4	0
A-Taiwan-1-1986	8	12	19	12	13	10	17	14	16	11	9	5	7	8	12	10	5	0
A-Texas-36-91	8	14	22	13	12	11	19	13	16	11	9	6	7	9	14	10	5	0
A-Beijing-262-1995	10	13	21	12	12	12	20	15	18	11	12	9	8	8	13	10	7	0
A-NewYork-222-2003	11	13	17	15	13	12	20	16	18	11	11	9	10	9	12	10	10	0
A-California-07-2009	19	15	20	14	16	19	20	16	24	19	17	16	16	21	19	18	12	0
A-Alabama-13-2015	20	13	20	14	17	23	21	15	26	20	20	16	16	20	19	19	11	0
A-Alabama-01-2020	21	15	20	13	19	24	24	14	25	23	21	16	16	20	15	17	12	0
	1 - 101	101 - 201	201 - 301	301 - 401	401 - 501	501 - 601	601 - 701	701 - 801	801 - 901	901 - 1001	1001 - 1101	1101 - 1201	1201 - 1301	1301 - 1401	1401 - 1501	1501 - 1601	1601 - 1701	1701 - 1801

Insertions

A-PuertoRico-8-1934	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
A-FortMonmouth-1-1947	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0
A-Albany-4836-1950	0	0	4	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0
A-NewJersey-1976	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
A-USSR-92-1977	0	0	4	0	2	3	5	0	0	0	0	0	0	0	0	0	0	0
A-India-6263-1980	0	0	4	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0
A-Taiwan-1-1986	0	0	4	0	4	2	5	0	0	0	0	0	0	0	0	0	0	0
A-Texas-36-91	0	0	2	0	5	2	5	0	0	0	0	0	0	0	0	0	0	0
A-Beijing-262-1995	0	0	2	0	5	2	5	0	0	0	0	0	0	0	0	0	0	0
A-NewYork-222-2003	0	0	3	0	5	3	5	0	0	0	0	0	0	0	0	0	0	0
A-California-07-2009	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A-Alabama-13-2015	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A-Alabama-01-2020	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	1 - 101	101 - 201	201 - 301	301 - 401	401 - 501	501 - 601	601 - 701	701 - 801	801 - 901	901 - 1001	1001 - 1101	1101 - 1201	1201 - 1301	1301 - 1401	1401 - 1501	1501 - 1601	1601 - 1701	1701 - 1801

Deletions

A-PuertoRico-8-1934	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0
A-FortMonmouth-1-1947	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0
A-Albany-4836-1950	0	0	4	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0
A-NewJersey-1976	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
A-USSR-92-1977	0	0	4	0	2	3	5	0	0	0	0	0	0	0	0	0	0	0
A-India-6263-1980	0	0	4	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0
A-Taiwan-1-1986	0	0	4	0	4	2	5	0	0	0	0	0	0	0	0	0	0	0
A-Texas-36-91	0	0	2	0	5	2	5	0	0	0	0	0	0	0	0	0	0	0
A-Beijing-262-1995	0	0	2	0	8	2	5	0	0	0	0	0	0	0	0	0	0	0
A-NewYork-222-2003	0	0	3	0	8	3	5	0	0	0	0	0	0	0	0	0	0	0
A-California-07-2009	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A-Alabama-13-2015	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A-Alabama-01-2020	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
	1 - 101	101 - 201	201 - 301	301 - 401	401 - 501	501 - 601	601 - 701	701 - 801	801 - 901	901 - 1001	1001 - 1101	1101 - 1201	1201 - 1301	1301 - 1401	1401 - 1501	1501 - 1601	1601 - 1701	1701 - 1801