

## Number of Voters Served

(per DRE, per 900 min. election day, assuming .25% of voters use audio, sip&puff, or rocker paddles)

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Each DRE is purchased to serve this number reg. voters	Election Day Turnout Poll-site Voters		Voters with Disabilities using these devices estimate .25% of turnout*		Voters wo Disabilities estimate 99.75% of turnout		Total Minutes:
	Percentage	Number	Number	37 min* each Minutes:	Number	4 min. each Minutes:	
200	50	100	1	37	99	396	433
	60	120	1	37	119	476	513
	70	140	1	37	139	556	593
	80	160	1	37	159	636	673
300	50	150	1	37	149	596	633
	60	180	1	37	179	716	753
	70	210	1	37	209	836	873
	80	240	1	37	239	956	993
400	50	200	1	37	199	796	833
	60	240	1	37	239	956	993
	70	280	1	37	279	1116	1153
	80	320	1	37	319	1276	1313
500	50	250	1	37	249	996	1033
	60	300	1	37	299	1196	1233
	70	350	1	37	349	1396	1433
	80	400	1	37	399	1596	1633
600	50	300	1	37	299	1196	1233
	60	360	1	37	359	1436	1473
	70	420	2	74	418	1672	1746
	80	480	2	74	478	1912	1986

Two Alternative Estimates of Time			
Voters wo dis 3.25** min ea Min:	Total Min:	Voters wo dis 5 min. each Min:	Total Min:
322	359	495	532
387	424	595	632
452	489	695	732
517	554	795	832
485	522	745	782
582	619	895	932
680	717	1045	1082
777	814	1195	1232
647	684	995	1032
777	814	1195	1232
907	944	1395	1432
1037	1074	1595	1632
810	847	1245	1282
972	1009	1495	1532
1135	1172	1745	1782
1297	1334	1995	2032
972	1009	1495	1532
1167	1204	1795	1832
1359	1433	2090	2164
1554	1628	2390	2464

\*The pollsite turnout of voters with disabilities who will wish to vote via DRE assistive devices is unpredictable. Disability advocates in NYC say that 20% of voters have disabilities that prevent them from voting without direct human assistance on our current lever machines, and assert that, if we have DREs with assistive devices, these voters would choose to use them. In other jurisdictions the turnout of such voters has been low, in some cases as low as zero.

This chart assumes .25% of registered voters (rounded up to the next whole number for any fraction) who vote at the pollsite will choose to use DRE audio, sip&puff, or rocker paddles to vote. It assumes these voters will require an average of 37 minutes each to vote, which is halfway between the State Board of Elections' assessment that BMDs (Ballot Marking Devices) for use in 2006 required 30 to 45 minutes per voter who used such accessible features of the BMD.

\*\*NYC BOE Voters Per Machine Report v-34.2.doc of 8/21/06 estimated that voters without disabilities would average 3 min 15 seconds to vote on DREs.

All cost studies: [www.wheresthepaper.org/ny.html#costReports](http://www.wheresthepaper.org/ny.html#costReports)

This page: [www.wheresthepaper.org/NumVotersServedQuarter.pdf](http://www.wheresthepaper.org/NumVotersServedQuarter.pdf)

Number of Voters Served, .25% need 37 minutes