

Canterbury District Health Board

2016 Triennial Elections

Canterbury District Health Board

Result type: Final

Number of vacancies: 7

Quota at first iteration: 14,952.125000001

Legend...

ITER	The iteration number at which a candidate is elected or rejected
VOTES	The votes received by the candidate at the point of election or exclusion
QUOTA	The quota or the absolute majority determined at the iteration
NTV	The number of non-transferable votes determined at the iteration
KEEP	The candidate's final keep value determined at the last iteration
SURPLUS	The number of transferable votes at the iteration

CANDIDATE	STATUS	ITER	VOTES	NTV	QUOTA	KEEP
Buck Sally	elected	1	17,274.000000000	0.000000000	14,952.125000001	0.615971864
Mene Chris	elected	18	15,220.568723002	3,507.152653376	14,513.730918329	0.824553132
Dickerson Andrew	elected	19	15,112.749339649	4,814.585606539	14,350.301799183	0.889532375
Kane Jo	elected	19	15,093.203311427	4,814.585606539	14,350.301799183	0.884480663
Crighton Anna	elected	19	14,868.449179839	4,814.585606539	14,350.301799183	0.885461054
Keown Aaron	elected	21	14,362.165975509	5,545.248796828	14,258.968900397	0.975972079
Morrell David	elected	23	14,350.872439102	5,854.450567225	14,220.318679097	1.000000000
Phipps Rochelle	excluded	23	13,259.365778193	5,854.450567225	14,220.318679097	0.000000000
Dugan Kelly	excluded	18	9,155.533598145	3,507.152653376	14,513.730918329	0.000000000
Wakefield Steve	excluded	17	6,907.430798824	2,998.245363578	14,577.344329553	0.000000000
Church Donald George	excluded	16	5,924.006169760	1,996.839466640	14,702.520066671	0.000000000
Burn John	excluded	15	4,023.256645186	1,775.365589880	14,730.204301266	0.000000000
De Lu Janet	excluded	14	3,121.494470834	1,538.419075232	14,759.822615597	0.000000000
Miller Grant	excluded	13	2,577.433489618	1,139.635372794	14,809.670578401	0.000000000
Gargiulo Brian	excluded	12	2,442.876059954	943.452309829	14,834.193461272	0.000000000
Bannan Jono	excluded	10	2,307.404681036	815.909835792	14,850.136270527	0.000000000
Roe Richard E	excluded	8	2,097.252741866	666.425081392	14,868.821864827	0.000000000
Taurua Gilbert	excluded	7	1,446.711527384	548.657546488	14,883.542806690	0.000000000
May Ken	excluded	6	990.756893850	428.955049351	14,898.505618832	0.000000000
Kingi-Patterson Drucilla	excluded	5	848.338358880	347.491583680	14,908.688552041	0.000000000
Hansen Tubby	excluded	4	788.385413508	226.644694736	14,923.794413159	0.000000000
Singh Jack	excluded	2	741.430994424	139.791014480	14,934.651123191	0.000000000

ITER	CANDIDATE	VOTES
1	Buck Sally	17,274.000000000
1	Mene Chris	11,446.000000000
1	Kane Jo	10,882.000000000
1	Dickerson Andrew	9,852.000000000
1	Crighton Anna	9,277.000000000
1	Morrell David	9,243.000000000
1	Keown Aaron	9,087.000000000
1	Phipps Rochelle	7,120.000000000
1	Dugan Kelly	6,718.000000000
1	Wakefield Steve	5,665.000000000
1	Church Donald George	4,605.000000000
1	Burn John	3,198.000000000
1	De Lu Janet	2,475.000000000
1	Gargiulo Brian	2,209.000000000
1	Miller Grant	2,170.000000000
1	Bannan Jono	2,014.000000000
1	Roe Richard E	1,921.000000000
1	Taurua Gilbert	1,305.000000000
1	May Ken	917.000000000
1	Kingi-Patterson Drucilla	761.000000000
1	Hansen Tubby	757.000000000
1	Singh Jack	721.000000000
2	Buck Sally	14,952.125015262
2	Mene Chris	11,656.761837216
2	Kane Jo	11,118.031751372
2	Dickerson Andrew	9,984.801463756
2	Crighton Anna	9,772.182785908
2	Morrell David	9,418.545254722
2	Keown Aaron	9,298.568323838

2	Phipps Rochelle	7,189.357849492
2	Dugan Kelly	6,806.310285109
2	Wakefield Steve	5,704.786673352
2	Church Donald George	4,682.691544586
2	Burn John	3,305.665964037
2	De Lu Janet	2,549.868841409
2	Gargiulo Brian	2,244.350996931
2	Miller Grant	2,195.269914156
2	Bannan Jono	2,101.638212924
2	Roe Richard E	1,945.329013097
2	Taurua Gilbert	1,319.516759196
2	May Ken	935.549192306
2	Kingi-Patterson Drucilla	780.490093365
2	Hansen Tubby	773.936219062
2	Singh Jack	741.430994424
3	Buck Sally	15,009.869075112
3	Mene Chris	11,708.921074696
3	Kane Jo	11,151.110312184
3	Dickerson Andrew	10,003.019729976
3	Crighton Anna	9,818.784749760
3	Morrell David	9,459.949774512
3	Keown Aaron	9,336.035872880
3	Phipps Rochelle	7,249.827802184
3	Dugan Kelly	6,840.381165280
3	Wakefield Steve	5,724.440358448
3	Church Donald George	4,701.682510648
3	Burn John	3,327.913900552
3	De Lu Janet	2,571.838564480
3	Gargiulo Brian	2,260.971300184
3	Miller Grant	2,220.001793536
3	Bannan Jono	2,134.058295320
3	Roe Richard E	1,974.001793536
3	Taurua Gilbert	1,353.980268944
3	May Ken	955.824215112
3	Kingi-Patterson Drucilla	805.178475192
3	Hansen Tubby	787.740807048
3	Singh Jack	0.000000000
4	Buck Sally	14,924.441496852
4	Mene Chris	11,716.730162116
4	Kane Jo	11,159.834642364
4	Dickerson Andrew	10,007.925627996
4	Crighton Anna	9,837.089604960
4	Morrell David	9,466.415521752
4	Keown Aaron	9,343.958135480
4	Phipps Rochelle	7,252.401307364
4	Dugan Kelly	6,843.628800880
4	Wakefield Steve	5,725.946080408
4	Church Donald George	4,704.541414108
4	Burn John	3,331.943921092
4	De Lu Janet	2,574.594134080
4	Gargiulo Brian	2,262.314640364
4	Miller Grant	2,220.946560256
4	Bannan Jono	2,137.330534220
4	Roe Richard E	1,974.946560256
4	Taurua Gilbert	1,354.560906824
4	May Ken	956.508186852
4	Kingi-Patterson Drucilla	805.911653532
4	Hansen Tubby	788.385413508
4	Singh Jack	0.000000000
5	Buck Sally	14,989.984854280
5	Mene Chris	11,763.035455820
5	Kane Jo	11,192.866100780
5	Dickerson Andrew	10,028.945475760
5	Crighton Anna	9,906.159007120
5	Morrell David	9,501.008720500
5	Keown Aaron	9,418.808509780
5	Phipps Rochelle	7,269.263104260
5	Dugan Kelly	6,871.776471920
5	Wakefield Steve	5,757.799789280
5	Church Donald George	4,735.264988840
5	Burn John	3,363.378286260
5	De Lu Janet	2,598.597693980
5	Gargiulo Brian	2,282.167119260
5	Miller Grant	2,251.076788000
5	Bannan Jono	2,159.618775560
5	Roe Richard E	1,989.796020120
5	Taurua Gilbert	1,366.126840680
5	May Ken	975.496055240

5	Kingi-Patterson Drucilla	848.338358880
5	Hansen Tubby	0.000000000
5	Singh Jack	0.000000000
6	Buck Sally	15,006.153327632
6	Mene Chris	11,856.264545498
6	Kane Jo	11,278.823277708
6	Dickerson Andrew	10,061.206326672
6	Crighton Anna	9,992.159322487
6	Morrell David	9,541.941768896
6	Keown Aaron	9,473.776291940
6	Phipps Rochelle	7,319.324817860
6	Dugan Kelly	6,914.486206161
6	Wakefield Steve	5,780.979569003
6	Church Donald George	4,746.432069851
6	Burn John	3,389.273743437
6	De Lu Janet	2,640.157299646
6	Gargiulo Brian	2,303.902960438
6	Miller Grant	2,273.459651390
6	Bannan Jono	2,187.066389997
6	Roe Richard E	2,011.444329677
6	Taurua Gilbert	1,420.436158506
6	May Ken	990.756893850
6	Hansen Tubby	0.000000000
6	Kingi-Patterson Drucilla	0.000000000
6	Singh Jack	0.000000000
7	Buck Sally	14,975.748338424
7	Mene Chris	11,946.689507640
7	Kane Jo	11,345.320597912
7	Dickerson Andrew	10,106.144359416
7	Crighton Anna	10,059.655081272
7	Morrell David	9,616.452304488
7	Keown Aaron	9,532.224878600
7	Phipps Rochelle	7,396.357899856
7	Dugan Kelly	6,977.767069176
7	Wakefield Steve	5,808.040259592
7	Church Donald George	4,796.556240168
7	Burn John	3,434.653356232
7	De Lu Janet	2,673.160956296
7	Miller Grant	2,363.654670912
7	Gargiulo Brian	2,333.388382184
7	Bannan Jono	2,212.464711112
7	Roe Richard E	2,043.352312848
7	Taurua Gilbert	1,446.711527384
7	Hansen Tubby	0.000000000
7	Kingi-Patterson Drucilla	0.000000000
7	May Ken	0.000000000
7	Singh Jack	0.000000000
8	Buck Sally	14,984.774183718
8	Mene Chris	12,270.012001232
8	Kane Jo	11,461.695724110
8	Dickerson Andrew	10,162.471749564
8	Crighton Anna	10,144.065237402
8	Morrell David	9,722.152005748
8	Keown Aaron	9,600.637622088
8	Phipps Rochelle	7,537.307377194
8	Dugan Kelly	7,051.422081084
8	Wakefield Steve	5,925.116204044
8	Church Donald George	4,816.468749256
8	Burn John	3,456.821294468
8	De Lu Janet	2,728.032801396
8	Miller Grant	2,394.252741866
8	Gargiulo Brian	2,356.139538130
8	Bannan Jono	2,241.952865442
8	Roe Richard E	2,097.252741866
8	Hansen Tubby	0.000000000
8	Kingi-Patterson Drucilla	0.000000000
8	May Ken	0.000000000
8	Singh Jack	0.000000000
8	Taurua Gilbert	0.000000000
9	Buck Sally	15,015.308599396
9	Mene Chris	12,435.452425222
9	Kane Jo	11,599.572620200
9	Dickerson Andrew	10,299.731337732
9	Crighton Anna	10,247.157474788
9	Morrell David	9,887.876001486
9	Keown Aaron	9,718.407620718
9	Phipps Rochelle	7,975.855501002
9	Dugan Kelly	7,210.592791172

9	Wakefield Steve	6,045.144663754
9	Church Donald George	4,893.366702128
9	Burn John	3,505.729271208
9	De Lu Janet	2,825.299495372
9	Miller Grant	2,464.800446256
9	Gargiulo Brian	2,386.554021484
9	Bannan Jono	2,300.800528634
9	Hansen Tubby	0.000000000
9	Kingi-Patterson Drucilla	0.000000000
9	May Ken	0.000000000
9	Roe Richard E	0.000000000
9	Singh Jack	0.000000000
9	Taurua Gilbert	0.000000000
10	Buck Sally	14,851.456198584
10	Mene Chris	12,451.063070388
10	Kane Jo	11,616.927930800
10	Dickerson Andrew	10,309.358967928
10	Crighton Anna	10,282.653652152
10	Morrell David	9,900.819409444
10	Keown Aaron	9,734.127878372
10	Phipps Rochelle	7,981.509678508
10	Dugan Kelly	7,217.297421688
10	Wakefield Steve	6,048.460441516
10	Church Donald George	4,898.993476512
10	Burn John	3,513.730982832
10	De Lu Janet	2,831.090688488
10	Miller Grant	2,466.919621024
10	Gargiulo Brian	2,389.276064936
10	Bannan Jono	2,307.404681036
10	Hansen Tubby	0.000000000
10	Kingi-Patterson Drucilla	0.000000000
10	May Ken	0.000000000
10	Roe Richard E	0.000000000
10	Singh Jack	0.000000000
10	Taurua Gilbert	0.000000000
11	Buck Sally	15,323.671681860
11	Mene Chris	12,544.902317672
11	Kane Jo	11,728.601177838
11	Crighton Anna	10,571.877475360
11	Dickerson Andrew	10,468.404869380
11	Morrell David	9,986.497875354
11	Keown Aaron	9,851.443672404
11	Phipps Rochelle	8,075.957285068
11	Dugan Kelly	7,421.524763298
11	Wakefield Steve	6,099.413547320
11	Church Donald George	5,016.703626198
11	Burn John	3,678.173759484
11	De Lu Janet	2,997.171376468
11	Miller Grant	2,506.174523930
11	Gargiulo Brian	2,434.429374308
11	Bannan Jono	0.000000000
11	Hansen Tubby	0.000000000
11	Kingi-Patterson Drucilla	0.000000000
11	May Ken	0.000000000
11	Roe Richard E	0.000000000
11	Singh Jack	0.000000000
11	Taurua Gilbert	0.000000000
12	Buck Sally	14,838.118416930
12	Mene Chris	12,590.755754036
12	Kane Jo	11,780.199409719
12	Crighton Anna	10,683.100913680
12	Dickerson Andrew	10,499.096242690
12	Morrell David	10,024.822744077
12	Keown Aaron	9,898.293922602
12	Phipps Rochelle	8,093.322831334
12	Dugan Kelly	7,444.005538449
12	Wakefield Steve	6,109.381685660
12	Church Donald George	5,035.249609899
12	Burn John	3,704.563094142
12	De Lu Janet	3,017.160117034
12	Miller Grant	2,512.601349965
12	Gargiulo Brian	2,442.876059954
12	Bannan Jono	0.000000000
12	Hansen Tubby	0.000000000
12	Kingi-Patterson Drucilla	0.000000000
12	May Ken	0.000000000
12	Roe Richard E	0.000000000
12	Singh Jack	0.000000000

12	Taurua Gilbert	0.000000000
13	Buck Sally	15,065.802427302
13	Mene Chris	12,919.417446150
13	Kane Jo	12,002.524520864
13	Crighton Anna	10,870.078286052
13	Dickerson Andrew	10,639.287731420
13	Morrell David	10,246.061786922
13	Keown Aaron	10,151.963672426
13	Phipps Rochelle	8,213.839148458
13	Dugan Kelly	7,549.364619446
13	Wakefield Steve	6,214.441036290
13	Church Donald George	5,123.151412382
13	Burn John	3,843.301411218
13	De Lu Janet	3,060.697638658
13	Miller Grant	2,577.433489618
13	Bannan Jono	0.000000000
13	Gargiulo Brian	0.000000000
13	Hansen Tubby	0.000000000
13	Kingi-Patterson Drucilla	0.000000000
13	May Ken	0.000000000
13	Roe Richard E	0.000000000
13	Singh Jack	0.000000000
13	Taurua Gilbert	0.000000000
14	Buck Sally	14,973.530973373
14	Mene Chris	13,243.983227426
14	Kane Jo	12,266.425159626
14	Crighton Anna	11,082.266105519
14	Dickerson Andrew	10,823.654512013
14	Morrell David	10,458.834861499
14	Keown Aaron	10,382.108242849
14	Phipps Rochelle	8,509.761891174
14	Dugan Kelly	7,676.200904561
14	Wakefield Steve	6,385.279218976
14	Church Donald George	5,204.218294055
14	Burn John	3,950.823062863
14	De Lu Janet	3,121.494470834
14	Bannan Jono	0.000000000
14	Gargiulo Brian	0.000000000
14	Hansen Tubby	0.000000000
14	Kingi-Patterson Drucilla	0.000000000
14	May Ken	0.000000000
14	Miller Grant	0.000000000
14	Roe Richard E	0.000000000
14	Singh Jack	0.000000000
14	Taurua Gilbert	0.000000000
15	Buck Sally	14,985.797714852
15	Mene Chris	13,512.360025942
15	Kane Jo	12,579.714583830
15	Crighton Anna	11,419.455940172
15	Dickerson Andrew	11,289.091349528
15	Morrell David	10,695.536401534
15	Keown Aaron	10,551.745065634
15	Phipps Rochelle	8,828.231727320
15	Dugan Kelly	8,221.055351728
15	Wakefield Steve	6,439.096010114
15	Church Donald George	5,296.293594280
15	Burn John	4,023.256645186
15	Bannan Jono	0.000000000
15	De Lu Janet	0.000000000
15	Gargiulo Brian	0.000000000
15	Hansen Tubby	0.000000000
15	Kingi-Patterson Drucilla	0.000000000
15	May Ken	0.000000000
15	Miller Grant	0.000000000
15	Roe Richard E	0.000000000
15	Singh Jack	0.000000000
15	Taurua Gilbert	0.000000000
16	Buck Sally	15,095.062725120
16	Mene Chris	13,773.028781200
16	Kane Jo	12,851.772102800
16	Crighton Anna	12,128.944412360
16	Dickerson Andrew	11,875.817544400
16	Morrell David	11,018.149698120
16	Keown Aaron	10,809.621496760
16	Phipps Rochelle	9,069.347342880
16	Dugan Kelly	8,452.558579680
16	Wakefield Steve	6,621.851680280
16	Church Donald George	5,924.006169760

16	Bannan Jono	0.000000000
16	Burn John	0.000000000
16	De Lu Janet	0.000000000
16	Gargiulo Brian	0.000000000
16	Hansen Tubby	0.000000000
16	Kingi-Patterson Drucilla	0.000000000
16	May Ken	0.000000000
16	Miller Grant	0.000000000
16	Roe Richard E	0.000000000
16	Singh Jack	0.000000000
16	Taurua Gilbert	0.000000000
17	Buck Sally	15,165.691096926
17	Mene Chris	14,214.440458666
17	Kane Jo	13,375.771306722
17	Crighton Anna	13,159.648988458
17	Dickerson Andrew	12,835.497643722
17	Morrell David	11,428.963166214
17	Keown Aaron	11,227.325549288
17	Phipps Rochelle	9,419.976507026
17	Dugan Kelly	8,884.009120576
17	Wakefield Steve	6,907.430798824
17	Bannan Jono	0.000000000
17	Burn John	0.000000000
17	Church Donald George	0.000000000
17	De Lu Janet	0.000000000
17	Gargiulo Brian	0.000000000
17	Hansen Tubby	0.000000000
17	Kingi-Patterson Drucilla	0.000000000
17	May Ken	0.000000000
17	Miller Grant	0.000000000
17	Roe Richard E	0.000000000
17	Singh Jack	0.000000000
17	Taurua Gilbert	0.000000000
18	Mene Chris	15,220.568723002
18	Buck Sally	14,943.939648496
18	Dickerson Andrew	13,966.180453894
18	Crighton Anna	13,942.577264832
18	Kane Jo	13,899.891013311
18	Morrell David	12,195.814936096
18	Keown Aaron	11,929.831360959
18	Phipps Rochelle	10,855.510347889
18	Dugan Kelly	9,155.533598145
18	Bannan Jono	0.000000000
18	Burn John	0.000000000
18	Church Donald George	0.000000000
18	De Lu Janet	0.000000000
18	Gargiulo Brian	0.000000000
18	Hansen Tubby	0.000000000
18	Kingi-Patterson Drucilla	0.000000000
18	May Ken	0.000000000
18	Miller Grant	0.000000000
18	Roe Richard E	0.000000000
18	Singh Jack	0.000000000
18	Taurua Gilbert	0.000000000
18	Wakefield Steve	0.000000000
19	Mene Chris	15,680.340781356
19	Buck Sally	15,321.434802381
19	Dickerson Andrew	15,112.749339649
19	Kane Jo	15,093.203311427
19	Crighton Anna	14,868.449179839
19	Keown Aaron	13,352.241272415
19	Morrell David	13,132.890567932
19	Phipps Rochelle	12,241.105138462
19	Bannan Jono	0.000000000
19	Burn John	0.000000000
19	Church Donald George	0.000000000
19	De Lu Janet	0.000000000
19	Dugan Kelly	0.000000000
19	Gargiulo Brian	0.000000000
19	Hansen Tubby	0.000000000
19	Kingi-Patterson Drucilla	0.000000000
19	May Ken	0.000000000
19	Miller Grant	0.000000000
19	Roe Richard E	0.000000000
19	Singh Jack	0.000000000
19	Taurua Gilbert	0.000000000
19	Wakefield Steve	0.000000000
20	Crighton Anna	14,999.766040526

20	Kane Jo	14,839.213596220
20	Dickerson Andrew	14,752.248765164
20	Mene Chris	14,686.998375919
20	Buck Sally	14,679.627801722
20	Keown Aaron	13,982.615927441
20	Morrell David	13,689.679250963
20	Phipps Rochelle	12,707.731403646
20	Bannan Jono	0.000000000
20	Burn John	0.000000000
20	Church Donald George	0.000000000
20	De Lu Janet	0.000000000
20	Dugan Kelly	0.000000000
20	Gargiulo Brian	0.000000000
20	Hansen Tubby	0.000000000
20	Kingi-Patterson Drucilla	0.000000000
20	May Ken	0.000000000
20	Miller Grant	0.000000000
20	Roe Richard E	0.000000000
20	Singh Jack	0.000000000
20	Taurua Gilbert	0.000000000
20	Wakefield Steve	0.000000000
21	Crighton Anna	14,588.025519797
21	Dickerson Andrew	14,567.531833839
21	Kane Jo	14,567.072956058
21	Mene Chris	14,517.789291110
21	Buck Sally	14,501.019801637
21	Keown Aaron	14,362.165975509
21	Morrell David	14,005.666149491
21	Phipps Rochelle	12,962.479675731
21	Bannan Jono	0.000000000
21	Burn John	0.000000000
21	Church Donald George	0.000000000
21	De Lu Janet	0.000000000
21	Dugan Kelly	0.000000000
21	Gargiulo Brian	0.000000000
21	Hansen Tubby	0.000000000
21	Kingi-Patterson Drucilla	0.000000000
21	May Ken	0.000000000
21	Miller Grant	0.000000000
21	Roe Richard E	0.000000000
21	Singh Jack	0.000000000
21	Taurua Gilbert	0.000000000
21	Wakefield Steve	0.000000000
22	Keown Aaron	14,483.028869569
22	Crighton Anna	14,453.125814211
22	Kane Jo	14,428.625892924
22	Dickerson Andrew	14,412.140187722
22	Mene Chris	14,401.854803646
22	Buck Sally	14,384.259669078
22	Morrell David	14,204.728076897
22	Phipps Rochelle	13,130.891755202
22	Bannan Jono	0.000000000
22	Burn John	0.000000000
22	Church Donald George	0.000000000
22	De Lu Janet	0.000000000
22	Dugan Kelly	0.000000000
22	Gargiulo Brian	0.000000000
22	Hansen Tubby	0.000000000
22	Kingi-Patterson Drucilla	0.000000000
22	May Ken	0.000000000
22	Miller Grant	0.000000000
22	Roe Richard E	0.000000000
22	Singh Jack	0.000000000
22	Taurua Gilbert	0.000000000
22	Wakefield Steve	0.000000000
23	Crighton Anna	14,378.479421091
23	Keown Aaron	14,373.844637957
23	Kane Jo	14,365.389470024
23	Dickerson Andrew	14,351.686111764
23	Morrell David	14,350.872439102
23	Mene Chris	14,349.879668627
23	Buck Sally	14,333.031906017
23	Phipps Rochelle	13,259.365778193
23	Bannan Jono	0.000000000
23	Burn John	0.000000000
23	Church Donald George	0.000000000
23	De Lu Janet	0.000000000
23	Dugan Kelly	0.000000000

23	Gargiulo Brian	0.000000000
23	Hansen Tubby	0.000000000
23	Kingi-Patterson Drucilla	0.000000000
23	May Ken	0.000000000
23	Miller Grant	0.000000000
23	Roe Richard E	0.000000000
23	Singh Jack	0.000000000
23	Taurua Gilbert	0.000000000
23	Wakefield Steve	0.000000000

Calculator commentary from last iteration...

Buck, elected at iteration 1, reason: Candidate received 17274.000000000 votes and quota was 14952.125000001

Singh, excluded at iteration 2, reason: Candidate received the lowest vote count 741.430994424, less than the second lowest by more than total surplus (17.473892071)

Hansen, excluded at iteration 4, reason: Candidate received the lowest vote count 788.385413508, less than the second lowest by more than total surplus (0.647083693)

Kingi-Patterson, excluded at iteration 5, reason: Candidate received the lowest vote count 848.338358880, less than the second lowest by more than total surplus (81.296302239)

May, excluded at iteration 6, reason: Candidate received the lowest vote count 990.756893850, less than the second lowest by more than total surplus (107.647708800)

Taurua, excluded at iteration 7, reason: Candidate received the lowest vote count 1446.711527384, less than the second lowest by more than total surplus (92.205531734)

Roe, excluded at iteration 8, reason: Candidate received the lowest vote count 2097.252741866, less than the second lowest by more than total surplus (115.952318891)

Bannan, excluded at iteration 10, reason: Candidate received the lowest vote count 2307.404681036, less than the second lowest by more than total surplus (1.319928057)

Gargiulo, excluded at iteration 12, reason: Candidate received the lowest vote count 2442.876059954, less than the second lowest by more than total surplus (3.924955658)

Miller, excluded at iteration 13, reason: Candidate received the lowest vote count 2577.433489618, less than the second lowest by more than total surplus (256.131848901)

De Lu, excluded at iteration 14, reason: Candidate received the lowest vote count 3121.494470834, less than the second lowest by more than total surplus (213.708357776)

Burn, excluded at iteration 15, reason: Candidate received the lowest vote count 4023.256645186, less than the second lowest by more than total surplus (255.593413586)

Church, excluded at iteration 16, reason: Candidate received the lowest vote count 5924.006169760, less than the second lowest by more than total surplus (392.542658449)

Wakefield, excluded at iteration 17, reason: Candidate received the lowest vote count 6907.430798824, less than the second lowest by more than total surplus (588.346767373)

Mene, elected at iteration 18, reason: Candidate received 15220.568723002 votes and quota was 14513.730918329

Dugan, excluded at iteration 18, reason: Candidate received the lowest vote count 9155.533598145, less than the second lowest by more than total surplus (1137.046534840)

Dickerson, elected at iteration 19, reason: Candidate received 15112.749339649 votes and quota was 14350.301799183

Kane, elected at iteration 19, reason: Candidate received 15093.203311427 votes and quota was 14350.301799183

Crighton, elected at iteration 19, reason: Candidate received 14868.449179839 votes and quota was 14350.301799183

Keown, elected at iteration 21, reason: Candidate received 14362.165975509 votes and quota was 14258.968900397

Morrell, elected at iteration 23, reason: Candidate received 14350.872439102 votes and quota was 14220.318679097

Phipps, excluded at iteration 23, reason: All available seats were filled