The Senate count process

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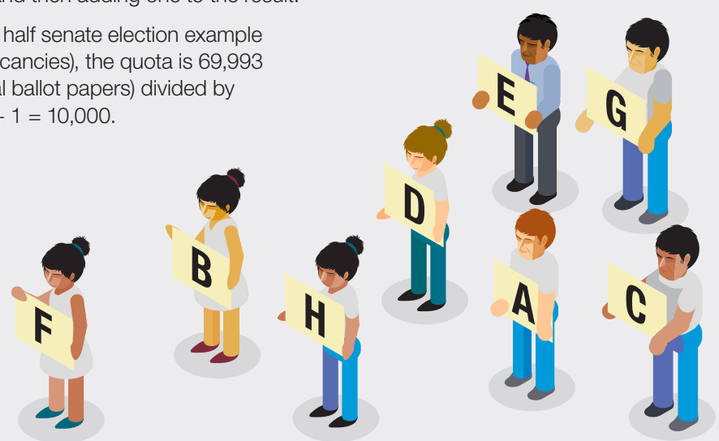

CANDIDATES: 8 **VACANCIES:** 6 **FORMAL VOTES:** 69,993 **QUOTA:** 10,000

	CANDIDATES ▶	A	B	C	D	E	F	G	H
FIRST PREFERENCE VOTES									
COUNT 1	TOTAL FIRST PREFERENCE VOTES ▶	15,001	16,000	500	2,000	9,493	13,500	4,799	8,700
	TOTAL AFTER COUNT 1	**15,001**	**16,000**	**500**	**2,000**	**9,493**	**13,500**	**4,799**	**8,700**
	Candidates B, A and F elected.	ELECTED (2) SURPLUS 5,001	ELECTED (1) SURPLUS 6,000				ELECTED (3) SURPLUS 3,500		
SUBSEQUENT COUNTS									
COUNT 2	All Candidate B ballot papers are distributed to the next preferenced continuing candidate. The transfer value of Candidate B ballot papers is calculated by dividing the total number of surplus **votes** accrued by the total number of **ballot papers** received, *e.g. 6,000 (surplus) ÷ 16,000 (ballot papers) = 0.375.* **The transfer value is 0.375.** A quota of votes remains with the elected candidate.		C 2,000 x 0.375	750					
			D 3,500 x 0.375		1,312				
			E 1,000 x 0.375			375			
			G 7,000 x 0.375					2,625	
			H 2,500 x 0.375						937
	TOTAL AFTER COUNT 2	**15,001**	**10,000**	**1,250**	**3,312**	**9,868**	**13,500**	**7,424**	**9,637**
COUNT 3	All Candidate A ballot papers are distributed to the next preferenced continuing candidate. The transfer value of Candidate A ballot papers is calculated by dividing the total number of surplus **votes** accrued by the total number of **ballot papers** received, *e.g. 5,001 (surplus) ÷ 15,001 (ballot papers) = 0.3334.* **The transfer value is 0.3334**	C 900 x 0.3334		300					
		D 10,200 x 0.3334			3,400				
		E 0 x 0.3334				0			
		G 3,001 x 0.3334						1,000	
		H 900 x 0.3334							300
	TOTAL AFTER COUNT 3	**10,000**	**10,000**	**1,550**	**6,712**	**9,868**	**13,500**	**8,424**	**9,937**
COUNT 4	All Candidate F ballot papers are distributed to the next preferenced continuing candidate. The transfer value of Candidate F ballot papers is calculated by dividing the total number of surplus **votes** accrued by the total number of **ballot papers** received, *e.g. 3,500 (surplus) ÷ 13,500 (ballot papers) = 0.2593.* **The transfer value is 0.2593.**			2,074			C 8,000 x 0.2593		
					1,296		D 5,000 x 0.2593		
						0	E 0 x 0.2593		
							G 500 x 0.2593	129	
							H 0 x 0.2593		0
	TOTAL AFTER COUNT 4	**10,000**	**10,000**	**3,624**	**8,008**	**9,868**	**10,000**	**8,553**	**9,937**
	There are no further surpluses to be distributed, so the candidate with the lowest votes (Candidate C) is excluded. Their votes are distributed to the remaining candidates at the next counts (one count for each transfer value of votes they hold).			CANDIDATE EXCLUDED					
COUNT 5-8	Counts five to eight continue with Candidate C ballot papers being distributed to the remaining candidates at the transfer value at which they were received, in order of decreasing transfer value.			Count 5 G 500 x 1				500	
				Count 6 G 2,000 x 0.375				750	
				Count 7 E 900 x 0.3334		300			
				Count 8 D 7,330 x 0.2593	1,900				
				G 670 x 0.2593				173	
	Candidate E is elected.								
	TOTAL AFTER COUNT 5-8	**10,000**	**10,000**	**0**	**9,908**	**10,168**	**10,000**	**9,976**	**9,937**
						ELECTED (4) SURPLUS 168			
COUNT 9	All Candidate E ballot papers are distributed to the next preferenced continuing candidate. The transfer value of Candidate E ballot papers is *168 (surplus) ÷ 11,393 (ballot papers) = 0.0147.* **The transfer value is 0.0147.**				124	D 8,500 x 0.0147			
						G 1,243 x 0.0147		18	
						H 1,650 x 0.0147			24
	TOTAL AFTER COUNT 9	**10,000**	**10,000**	**0**	**10,032**	**10,000**	**10,000**	**9,994**	**9,961**
	Candidate D is elected.				ELECTED (5) SURPLUS 32				
COUNT 10	All Candidate D ballot papers are distributed to the next preferenced continuing candidate. The transfer value of Candidate D ballot papers is *32 (surplus) ÷ 36,530 (ballot papers) = 0.0009.* **The transfer value is 0.0009.**				G 14,430 x 0.0009			12	
					H 22,100 x 0.0009				19
	TOTAL AFTER COUNT 10	**10,000**	**10,000**	**0**	**10,000**	**10,000**	**10,000**	**10,006**	**9,980**
	Candidate G is elected.							ELECTED (6)	NOT ELECTED
		A	**B**		**D**	**E**	**F**	**G**	
		ELECTED	**ELECTED**		**ELECTED**	**ELECTED**	**ELECTED**	**ELECTED**	

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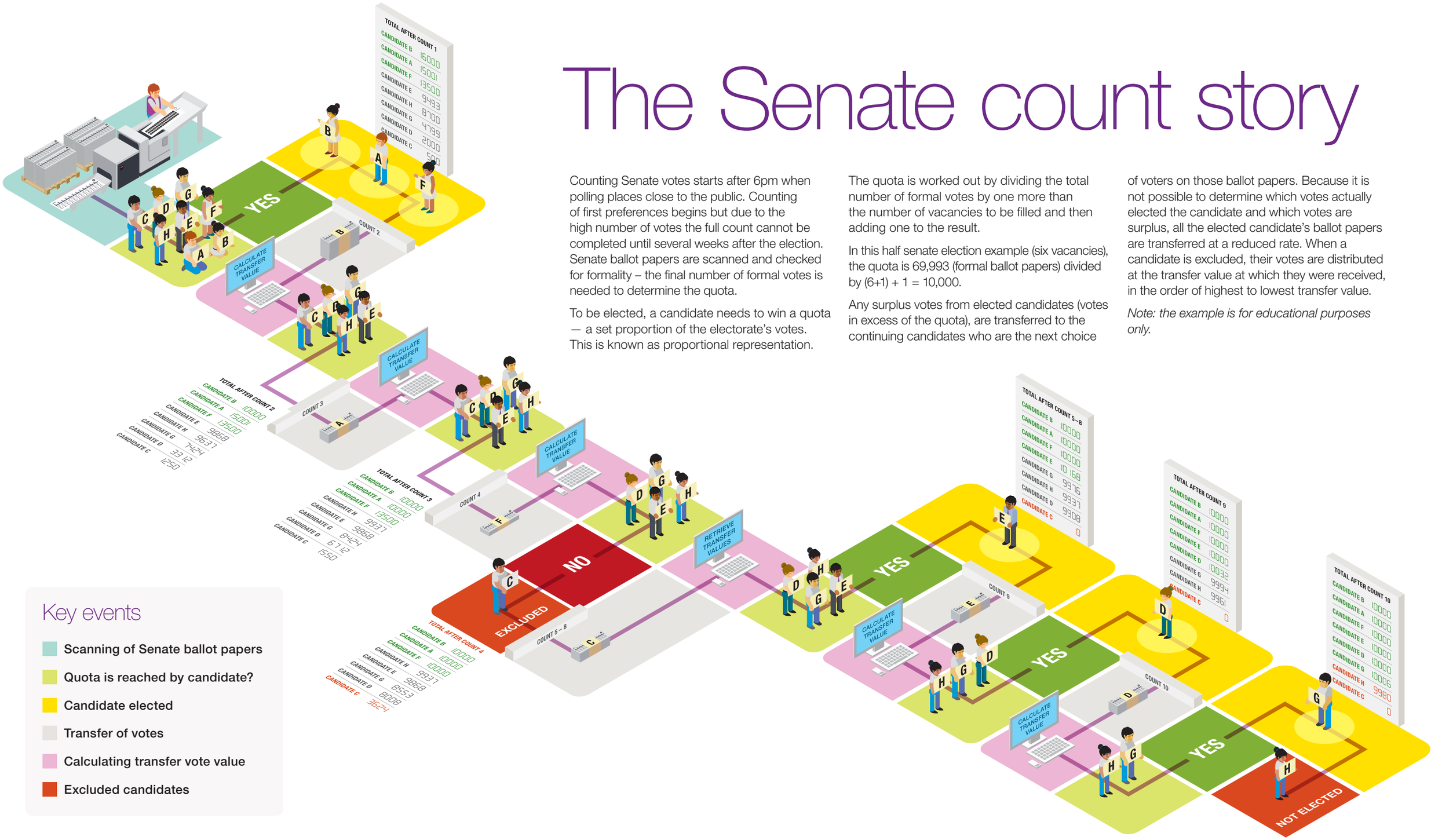

Key events

- Scanning of Senate ballot papers
- Quota is reached by candidate?
- Candidate elected
- Transfer of votes
- Calculating transfer vote value
- Excluded candidates

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