

Case study: El Salvador



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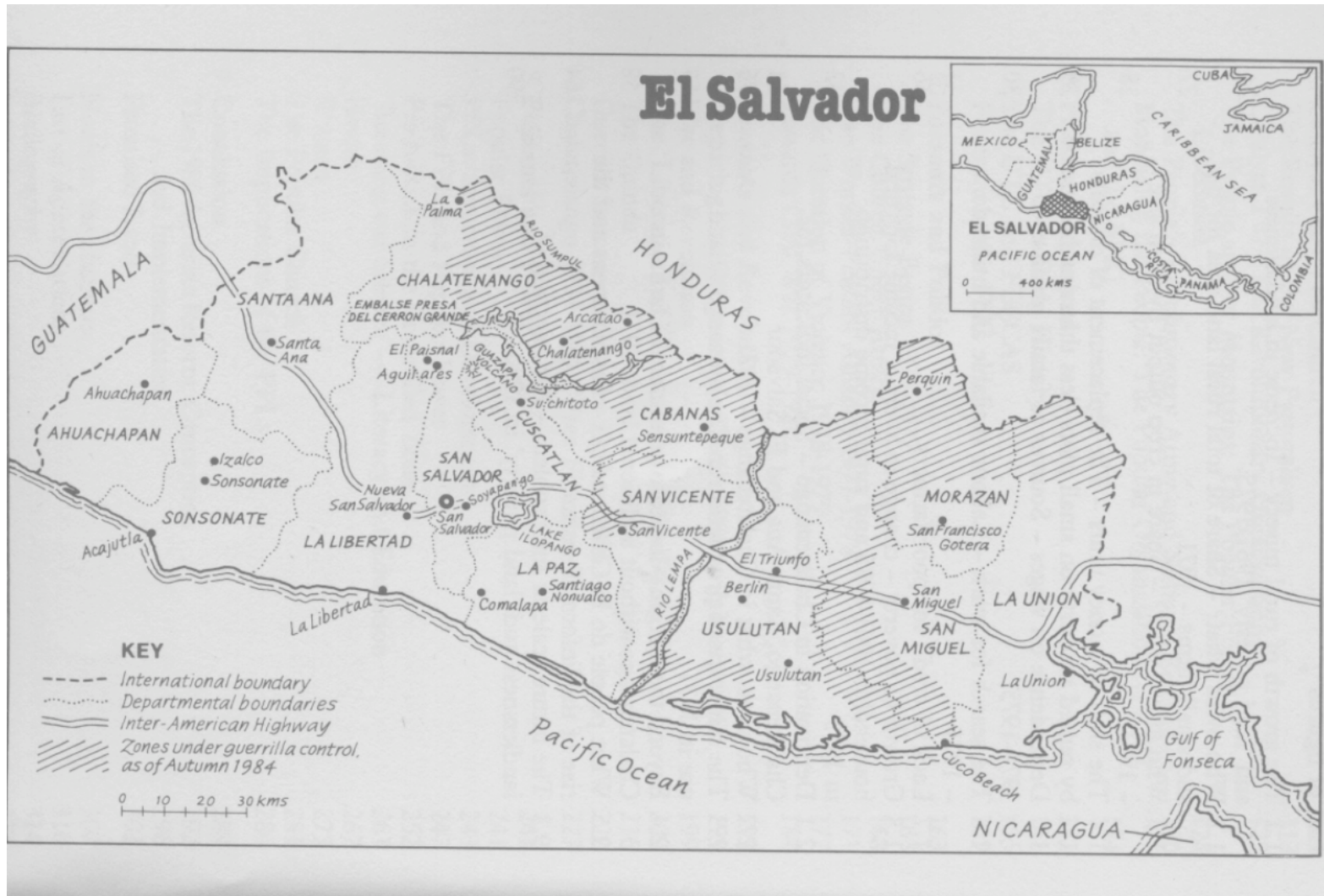
2003 National Election Results

Party	Votes	% votes	change	Seats			Change	% seats	Adv ratio
				Dept	National	Total			
FMLN	339,727	33.8	(-01.4)	24	7	31	0	36.90	1.09
ARENA	321,685	32	(-04.0)	21	6	27	(-02)	32.14	1.00
PCN	131,762	13.1	(+04.3)	13	3	16	(+03)	19.05	1.45
PDC	73,271	7.3	(+00.1)	3	2	5	(-01)	5.95	0.82
CDU	63,530	6.3	(+00.9)	3	2	5	0	5.95	0.94
PMR	19,079	1.9	-	-	-	-			
PPR	15,714	1.6	-	-	-	-			
AP	11,673	1.2	-	-	-	-			
FC	11,054	1.1	-	-	-	-			
PAN	10,441	1	(-02.7)	-	-	-	(-02)		
PSD	7,349	0.7	-	-	-	-			
Total	1,005,285			64	20	84		63.10	

Departments



Zones under guerrilla control



The case of Cabañas

Party	Votes	%	Seats	Quota	remainder	d'H seats	1st divisor	2d divisor	3d divisor
ARENA	11,181	39.2	1	1	1,684	2	11,181	5,591	3,727
FMLN	8,643	30.3	1	0	8,643	1	8,643	4,322	
PCN	5,341	18.7	1	0	5,341	0	5,341		
PDC	1,083	3.8	-						
PMR	868	3	-						
CDU	514	1.8	-						
AP	355	1.2	-						
PSD	181	0.6	-						
PPR	155	0.5	-						
PAN	104	0.4	-						
FC	66	0.2	-						
Total	28,491	3		9497					

Deputies Elected

Wilbur Serrano Calles	(FMLN)
Gabino Hernandez	(ARENA)
Dolores Rivas	(PCN)

Changed outcome. Under QLR, PCN won a seat at less than half the cost in votes as for ARENA. Under d'Hondt, ARENA and PCN would have competed for third seat (650 votes separated them)

Under QLR, ARENA could not have won 2 seats unless it had won almost 4,000 additional votes.

La Libertad

Party	Votes	%	Seats	Quota	remainder	d'H seats	1st divisor	2d divisor	3d divisor	4	5	6
ARENA	42,362	39	3	2	6,152	3	42,362	21,181	14,121	10,591	8,472	7,060
FMLN	34,254	31.5	2	1	16,149	3	34,254	17,127	11,418	8,564		
PCN	9,466	8.7	1	0	9,466		9,466	4,733	3,155			
CDU	6,173	5.7	-		6,173		6,173	3,087				
PDC	4,775	4.4	-									
PMR	4,750	4.4	-									
AP	2,492	2.3	-									
PAN	1,453	1.3	-									
FC	1,155	1.1	-									
PSD	906	0.8	-									
PPR	841	0.8	-									
Total	108,627	6	18,105									

Deputies Elected

Irma Segunda Amaya	(FMLN)
Jose Orlando Arevalo	(PCN)
Roberto D'Aubuisso	(ARENA)
Osmin López	(ARENA)
Calixto Mejía	(FMLN)
Jose Mauricio Quintero	(ARENA)

Change in outcome. Under QLR PCN won a seat easily. Under d'H, FMLN wins an additional seat by a wide margin.

With QLR, FMLN would have needed over 8,000 additional votes to win three seats (two quotas, plus enough remainders to beat out ARENA for the seat). Also, with QLR, CDU missed by about 20 votes winning a seat from ARENA, despite having about 1/7 the votes.