

EL SALVADOR
Last Updated: 2007-07-12

Level	Date	Region and sample descriptor	Sex	Age (years)	Sample size	Haemoglobin (g/L)						Reference	Notes					
						Proportion (%) of population with haemoglobin below:							Mean	SD	Method	General	Line	
						70	100	110	115	120	130							
N	2002-2003	Women: Total	F	15.00- 49.99	NS					8.8			B	5171	*			
		Children: Total	B	1.00- 4.99	NS			19.8										
		Women by area: Urban	F	15.00- 49.99	NS						8.5							
		Women by area: Rural	F	15.00- 49.99	NS						9.1							
		Children by area: Urban	B	1.00- 4.99	NS			15.8										
		Children by area: Rural	B	1.00- 4.99	NS			23.1										
N	1998	Women: Total	F	15.00- 49.99	4558								B	3107	*	1		
		Pre-SAC: Total	B	1.00- 4.99	5078												2	
		NPW: Total	F	15.00- 49.99	4107			8.8										
		PW by gestational age: 1st trimester	F	15.00- 49.99	107			3.4										
		PW by gestational age: 2nd trimester	F	15.00- 49.99	194													3
		PW by gestational age: 3rd trimester	F	15.00- 49.99	150													4
		Women by age	F	15.00- 19.99	457													5
		Women by age	F	20.00- 24.99	1304													6
		Women by age	F	25.00- 29.99	1246													7
		Women by age	F	30.00- 34.99	854													8
		Women by age	F	35.00- 39.99	453													9
		Women by age	F	40.00- 44.99	197													10
		Women by age	F	45.00- 49.99	47													11
		Women by department: Ahuachapán	F	15.00- 49.99	444													12
		Women by department: Santa Ana	F	15.00- 49.99	260													13
		Women by department: Sonsonate	F	15.00- 49.99	210													14
		Women by department: Chalatenango	F	15.00- 49.99	235													15
		Women by department: La Libertad	F	15.00- 49.99	237													16
		Women by department: San Salvador	F	15.00- 49.99	813													17
		Women by department: Cuscatlán	F	15.00- 49.99	223													18
		Women by department: La Paz	F	15.00- 49.99	243													19
		Women by department: Cabañas	F	15.00- 49.99	242													20
		Women by department: San Vicente	F	15.00- 49.99	209													21
		Women by department: Usulután	F	15.00- 49.99	509													22
		Women by department: San Miguel	F	15.00- 49.99	262													23
		Women by department: Morazán	F	15.00- 49.99	439													24
		Women by department: La Unión	F	15.00- 49.99	232													25
Pre-SAC by sex	F	1.00- 4.99	2475													26		
Pre-SAC by sex	M	1.00- 4.99	2603													27		

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						Proportion (%) of population with haemoglobin below:										General	Line
						70	100	110	115	120	130						
N	1998	Pre-SAC by age	B	1.00- 1.49	636			41.7						B	3107		
		Pre-SAC by age	B	1.50- 1.99	686			27.1									
		Pre-SAC by age	B	2.00- 2.99	1263												28
		Pre-SAC by age	B	3.00- 3.99	1272												29
		Pre-SAC by age	B	4.00- 4.99	1225												30
		Pre-SAC by area: Urban	B	1.00- 4.99	1833												31
		Pre-SAC by area: Rural	B	1.00- 4.99	3245												32
		Pre-SAC by department: Ahuachapán	F	1.00- 4.99	539												33
		Pre-SAC by department: Santa Ana	F	1.00- 4.99	257												34
		Pre-SAC by department: Sonsonate	F	1.00- 4.99	241												35
		Pre-SAC by department: Chalatenango	F	1.00- 4.99	261												36
		Pre-SAC by department: La Libertad	F	1.00- 4.99	250												37
		Pre-SAC by department: San Salvador	F	1.00- 4.99	831												38
		Pre-SAC by department: Cuscatlán	F	1.00- 4.99	260												39
		Pre-SAC by department: La Paz	F	1.00- 4.99	289												40
		Pre-SAC by department: Cabañas	F	1.00- 4.99	306												41
		Pre-SAC by department: San Vicente	F	1.00- 4.99	258												42
		Pre-SAC by department: Usulután	F	1.00- 4.99	567												43
		Pre-SAC by department: San Miguel	F	1.00- 4.99	282												44
		Pre-SAC by department: Morazán	F	1.00- 4.99	484												45
Pre-SAC by department: La Unión	F	1.00- 4.99	253												46		
N	1997	SAC in school health programme	B	6.00- 14.99	1257					12.8			NS	3134	*		
		SAC not in school health programme	B	6.00- 14.99	1040					13.5							
N	1988	Children: Total	B	1.00- 4.99	659			23.2					NS	4681	*		
		Children by age	B	1.00- 1.49	35			51.4									
		Children by age	B	1.50- 1.99	69			39.1									
		Children by age	B	2.00- 2.99	175			24.6									
		Children by age	B	3.00- 3.99	189			16.4									
		Children by age	B	4.00- 4.99	202			17.3									
		Children by area: Metropolitan	B	1.00- 4.99	128			19.5									
		Children by area: Other Urban	B	1.00- 4.99	168			26.2									
		Children by area: Rural	B	1.00- 4.99	363			23.1									
N	1978	Women: Total	F	NS	841					130	16	A	934	*	47		

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						70	100	110	115	120	130						
N	1978	Pre-SAC: Total	B	0.50- 4.99	736			21.7				118	14	A	934		48
		Women by physiological status: NPW	F	NS	354					11.0							
		Women by physiological status: PW	F	NS	262			13.8									
		Women by physiological status: LW	F	NS	225					16.0							
		Women by region: Urban	F	NS	216						131	14					49
		Women by region: Intensive agriculture	F	NS	208						124	16					50
		Women by region: Marginal agriculture central	F	NS	177						131	16					51
		Women by region: Marginal agriculture north	F	NS	240						133	15					52
		Pre-SAC by age	B	0.50- 0.99	87		12.6										
		Pre-SAC by age	B	1.00- 1.99	182		18.1										
		Pre-SAC by age	B	2.00- 2.99	161			10.6									
		Pre-SAC by age	B	3.00- 3.99	148			12.8									
		Pre-SAC by age	B	4.00- 4.99	158			8.2									
		Pre-SAC by region: Urban	B	0.50- 4.99	192			24.5			119	16					
		Pre-SAC by region: Intensive agriculture	B	0.50- 4.99	178			25.9			116	12					
		Pre-SAC by region: Marginal agriculture central	B	0.50- 4.99	156			20.5			118	14					
		Pre-SAC by region: Marginal agriculture north	B	0.50- 4.99	210			16.2			119	13					

NOTES

EL SALVADOR

Reference No: 5171

General Notes: *Sampling: random probability sample, representative at the level of the primary administrative division; women are mothers of children under 5 years.*

Reference No: 3107

General Notes: *Adjustment for altitude; Hb cut-off level for NPW, PW and children 2-4 yrs not according to WHO recommendations (please see 'Key to the data tables').*

- Line note 1** Prevalence of anaemia 8.8% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 2** Prevalence of anaemia 18.9% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 3** Prevalence of anaemia 7.8% (Hb <106 g/L 4 months, Hb <105 g/L 5 months, Hb <107 g/L 6 months).
- Line note 4** Prevalence of anaemia 16.4% (Hb <110 g/L PW 7 months, Hb <114 g/L 8 months, Hb <119 g/L 9 months).
- Line note 5** Prevalence of anaemia 8.0% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 6** Prevalence of anaemia 9.7% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 7** Prevalence of anaemia 8.6% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 8** Prevalence of anaemia 9.3% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 9** Prevalence of anaemia 9.0% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 10** Prevalence of anaemia 6.2% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 11** Prevalence of anaemia 0.0% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 12** Prevalence of anaemia 6.5% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 13** Prevalence of anaemia 3.8% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 14** Prevalence of anaemia 6.7% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 15** Prevalence of anaemia 6.9% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 16** Prevalence of anaemia 7.8% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 17** Prevalence of anaemia 10.3% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months); disaggregated data by zones within San Salvador.
- Line note 18** Prevalence of anaemia 11.4% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 19** Prevalence of anaemia 13.4% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).

- Line note 20** Prevalence of anaemia 8.5% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 21** Prevalence of anaemia 6.6% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 22** Prevalence of anaemia 9.6% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 23** Prevalence of anaemia 9.3% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 24** Prevalence of anaemia 12.5% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 25** Prevalence of anaemia 10.0% (Hb <110 g/L NPW, PW 1-3 months, PW 7 months, Hb <106 g/L PW 4 months, Hb <105 g/L PW 5 months, Hb <107 g/L PW 6 months, Hb <114 g/L PW 8 months, Hb <119 g/L PW 9 months).
- Line note 26** Prevalence of anaemia 18.8% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 27** Prevalence of anaemia 19.0% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 28** Prevalence of anaemia 18.9% (Hb <111 g/L).
- Line note 29** Prevalence of anaemia 12.4% (Hb <111 g/L).
- Line note 30** Prevalence of anaemia 8.4% (Hb <111 g/L).
- Line note 31** Prevalence of anaemia 18.1% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 32** Prevalence of anaemia 19.4% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 33** Prevalence of anaemia 14.6% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 34** Prevalence of anaemia 15.2% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 35** Prevalence of anaemia 16.9% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 36** Prevalence of anaemia 13.0% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 37** Prevalence of anaemia 15.8% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 38** Prevalence of anaemia 20.2% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs); disaggregated data by zones within San Salvador.
- Line note 39** Prevalence of anaemia 21.5% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 40** Prevalence of anaemia 28.0% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 41** Prevalence of anaemia 21.2% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 42** Prevalence of anaemia 24.0% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 43** Prevalence of anaemia 16.7% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 44** Prevalence of anaemia 19.7% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 45** Prevalence of anaemia 14.6% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).
- Line note 46** Prevalence of anaemia 23.1% (Hb <110 g/L 1 yr, Hb <111 g/L 2-4 yrs).

Reference No: 3134

General Notes: *Facility based study (schools in the school health programme and schools not included yet but planned to join the school health programme in 1998); adjustment for altitude.*

Reference No: 4681

General Notes: *Adjustment for altitude.*

Reference No: 934

General Notes: *Survey in 4 ecological regions of El Salvador; women are mothers of pre-SAC; Hb determination only for subsample of pre-SAC and NPW.*

Line note 47 Prevalence of anaemia 13.3% (Hb <110 g/L PW, Hb <120 g/L NPW).

- Line note 48** Prevalence of anaemia 0.7% (Hb <80 g/L).
- Line note 49** Prevalence of anaemia 13.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 50** Prevalence of anaemia 21.2% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 51** Prevalence of anaemia 13.0% (Hb <110 g/L PW, Hb <120 g/L NPW).
- Line note 52** Prevalence of anaemia 7.1% (Hb <110 g/L PW, Hb <120 g/L NPW).

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ADDITIONAL REFERENCES

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