

Cutoff values for Hemoglobin Levels at 0-2,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	8.6 to 10.9	8.2 to 10.4	8.6 to 10.9	9.3 to 11.7	8.9 to 11.9	8.0 to 10.9	8.3 to 11.0
	Nutritionist	8.5 or lower	8.1 or lower	8.5 or lower	9.2 or lower	8.8 or lower	7.9 or lower	8.2 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	8.9 to 11.2	8.4 to 10.7	8.9 to 11.2	9.6 to 12.0	9.5 to 12.2		
	Nutritionist	8.8 or lower	8.3 or lower	8.8 or lower	9.5 or lower	9.4 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	9.6 to 11.4	8.0 to 10.9	9.6 to 11.4	9.8 to 12.2	10.0 to 12.4		
	Nutritionist	9.5 or lower	7.9 or lower	9.5 or lower	9.7 or lower	9.9 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	10.3 to 11.6	7.6 to 11.1	10.3 to 11.6	10.0 to 12.4	10.5 to 12.6		
	Nutritionist	10.2 or lower	7.5 or lower	10.2 or lower	9.9 or lower	10.4 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC

Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist

Cutoff values for Hemoglobin Levels at 3,000-3,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	9.1 to 11.1	8.7 to 10.6	9.1 to 11.1	9.5 to 11.9	9.4 to 12.1	8.4 to 11.1	8.8 to 11.2
	Nutritionist	9.0 or lower	8.6 or lower	9.0 or lower	9.4 or lower	9.3 or lower	8.3 or lower	8.7 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	9.4 to 11.4	8.9 to 10.9	9.4 to 11.4	9.8 to 12.2	9.9 to 12.4		
	Nutritionist	9.3 or lower	8.8 or lower	9.3 or lower	9.7 or lower	9.8 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	10.1 to 11.6	8.5 to 11.1	10.1 to 11.6	10.0 to 12.4	10.4 to 12.6		
	Nutritionist	10.0 or lower	8.4 or lower	10.0 or lower	9.9 or lower	10.3 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	10.8 to 11.8	8.1 to 11.3	10.8 to 11.8	10.2 to 12.6	10.9 to 12.8		
	Nutritionist	10.7 or lower	8.0 or lower	10.7 or lower	10.1 or lower	10.8 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC
Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist

Cutoff values for Hemoglobin Levels at 4,000-4,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	9.2 to 11.2	8.9 to 10.7	9.2 to 11.2	9.6 to 12.0	9.5 to 12.2	8.5 to 11.2	8.9 to 11.3
	Nutritionist	9.1 or lower	8.8 or lower	9.1 or lower	9.5 or lower	9.4 or lower	8.4 or lower	8.8 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	9.5 to 11.5	9.1 to 11.0	9.5 to 11.5	9.9 to 12.3	10.0 to 12.5		
	Nutritionist	9.4 or lower	9.0 or lower	9.4 or lower	9.8 or lower	9.9 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	10.3 to 11.7	8.7 to 11.2	10.3 to 11.7	10.1 to 12.5	10.5 to 12.7		
	Nutritionist	10.2 or lower	8.6 or lower	10.2 or lower	10.0 or lower	10.4 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	11.0 to 11.9	8.3 to 11.4	11.0 to 11.9	10.3 to 12.7	11.0 to 12.9		
	Nutritionist	10.9 or lower	8.2 or lower	10.9 or lower	10.2 or lower	10.9 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC
Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist

Cutoff values for Hemoglobin Levels at 5,000-5,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	9.4 to 11.4	9.0 to 10.9	9.4 to 11.4	9.8 to 12.2	9.6 to 12.4	8.6 to 11.4	9.0 to 11.5
	Nutritionist	9.3 or lower	8.9 or lower	9.3 or lower	9.7 or lower	9.5 or lower	8.5 or lower	8.9 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	9.7 to 11.7	9.3 to 11.2	9.7 to 11.7	10.1 to 12.5	10.2 to 12.7		
	Nutritionist	9.6 or lower	9.2 or lower	9.6 or lower	10.0 or lower	10.1 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	10.4 to 11.9	8.9 to 11.4	10.4 to 11.9	10.3 to 12.7	10.7 to 12.9		
	Nutritionist	10.3 or lower	8.8 or lower	10.3 or lower	10.2 or lower	10.6 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	11.1 to 12.1	8.5 to 11.6	11.1 to 12.1	10.5 to 12.9	11.2 to 13.1		
	Nutritionist	11.0 or lower	8.4 or lower	11.0 or lower	10.4 or lower	11.1 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC

Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist

Cutoff values for Hemoglobin Levels at 6,000-6,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	9.5 to 11.6	9.2 to 11.1	9.5 to 11.6	10.0 to 12.4	9.8 to 12.6	8.8 to 11.6	9.2 to 11.7
	Nutritionist	9.4 or lower	9.1 or lower	9.4 or lower	9.9 or lower	9.7 or lower	8.7 or lower	9.1 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	9.8 to 11.9	9.4 to 11.4	9.8 to 11.9	10.3 to 12.7	10.3 to 12.9		
	Nutritionist	9.7 or lower	9.3 or lower	9.7 or lower	10.2 or lower	10.2 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	10.6 to 12.1	9.0 to 11.6	10.6 to 12.1	10.5 to 12.9	10.8 to 13.1		
	Nutritionist	10.5 or lower	8.9 or lower	10.5 or lower	10.4 or lower	10.7 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	11.3 to 12.3	8.6 to 11.8	11.3 to 12.3	10.7 to 13.1	11.3 to 13.3		
	Nutritionist	11.2 or lower	8.5 or lower	11.2 or lower	10.6 or lower	11.2 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC

Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist

Cutoff values for Hemoglobin Levels at 7,000-7,999 feet

Smoking Status	action	Pregnant			Breastfeeding/Post-Partum		Infant and Child	
		1st Trimester 0 – 13 weeks	2nd Trimester 14 – 26 weeks	3rd Trimester 27 + weeks	12 years to 14 years 11 months	15 years +	Infant 6 to 23 months	Child 2 to 5 years
Non-Smoker	Low Hemoglobin	9.7 to 11.9	9.4 to 11.4	9.7 to 11.9	10.3 to 12.7	9.9 to 12.9	8.9 to 11.9	9.3 to 12.0
	Nutritionist	9.6 or lower	9.3 or lower	9.6 or lower	10.2 or lower	9.8 or lower	8.8 or lower	9.2 or lower
up to 1 pack (1-19 cigarettes)	Low Hemoglobin	10.0 to 12.2	9.6 to 11.7	10.0 to 12.2	10.6 to 13.0	10.5 to 13.2		
	Nutritionist	9.9 or lower	9.5 or lower	9.9 or lower	10.5 or lower	10.4 or lower		
1-2 packs (20-39 cigarettes)	Low Hemoglobin	10.7 to 12.4	9.2 to 11.9	10.7 to 12.4	10.8 to 13.2	10.9 to 13.4		
	Nutritionist	10.6 or lower	9.1 or lower	10.6 or lower	10.7 or lower	10.8 or lower		
2+ packs (40+ cigarettes)	Low Hemoglobin	11.4 to 12.6	8.8 to 12.1	11.4 to 12.6	11.0 to 13.4	11.4 to 13.6		
	Nutritionist	11.3 or lower	8.7 or lower	11.3 or lower	10.9 or lower	11.3 or lower		

Hemoglobin values at or below the " Low Hemoglobin " cutoff are reported as anemic in WIC
Hemoglobin values in the "Nutritionist" range are referred to a Nutritionist