

# INFORMATION ON ATHEROSCLEROSIS OF CARDIOVASCULAR DISEASES (ASCVD)

## VENEZUELA STATISTICS

### Venezuela Tobacco Smoking

	Prevalence %
<b>Adult men</b>	41.8
<b>Adult women</b>	39.2
<b>Adolescents / (Boys and girls)</b>	14

Physician currently smoking: 20.9 %

Data about obesity and metabolic syndrome were no available

## DIABETES

### Diabetes prevalence in the country

Type	%	Cases
<b>Type II</b>	5	1,500,000

## HIGH BLOOD PRESSURE (HBP)

**Venezuelan HBP prevalence in school children  
by sex and race (6-15 years old). Caracas**

Race	N	%
<b>Mestizo</b>		
Male	446	5.8
Female	428	13.1
<b>White</b>		
Male	182	6.6
Female	235	11.6
<b>Black</b>		
Male	143	9.1
Female	146	8.2

### HBP morbidity prevalence

	%
<b>Adults</b>	34 - 37
<b>Elderly people</b>	37.5 - 40

### Prevalence and characteristics of HBP patients

	%
<b>Prevalence</b>	<b>40</b>
<b>Knowing HBP</b>	<b>47</b>
<b>Under treatment</b>	<b>37</b>
<b>Under control</b>	<b>8.5</b>

Morbidity among 25 diseases in the country: HBP is in 13<sup>th</sup> position

## **CARDIOVASCULAR DISEASES**

Mortality rates (100,000)

	<b>Male</b>	<b>Female</b>
<b>CVD*</b>	106.6	84.6
<b>Stroke</b>	33.3	35.0
<b>Diabetes</b>	18.4	21.5

Absolute Numbers (OMS 393-398,402,404,410-429)

	<b>1990</b>	<b>2001</b>	<b>2002</b>
<b>CVD*</b>	16,244	23,251	22,349
<b>Stroke</b>	5,521	8,317	8,131
<b>Diabetes</b>	2,759	6,297	6,234

Current population: about 24,500,000.

\* Cardiovascular Diseases

## LIPIDS CARACAS – VENEZUELA

Lipids in newborns (NB) and school children (SC)

	<b>CHO*</b>	<b>LDL*</b>	<b>HDL*</b>	<b>TG*</b>
<b>NB</b>	75.7	40.7	21.9	64
<b>SC</b>	184.5	116.4	44.5	113.5

\*mg % means SC: School children in military facility

### Lipids in adolescents

Two samples

<b>SAMPLE</b>	<b>CHO*</b>	<b>LDL*</b>	<b>HDL*</b>	<b>TG*</b>
<b>1</b>	184 - 200	120 - 133	48 - 50	178 - 198
<b>2</b>	158 - 171	89 - 100	42 - 43	129 - 144

\*mg % range **1**: Mérida state **2**: Caracas city

## CHOLESTEROL AND TRIGLYCERIDES

mg/dl (%) means

<b>Sex/Age</b>		<b>16-20</b>	<b>21-25</b>	<b>26-30</b>	<b>31-35</b>	<b>36-40</b>	<b>41-45</b>	<b>46-50</b>	<b>51-60</b>
	<b>Cholesterol</b>								
<b>Male</b>		<b>157</b>	<b>169</b>	<b>184</b>	<b>200</b>	<b>201</b>	<b>205</b>	<b>213</b>	<b>214</b>
<b>Female</b>		<b>159</b>	<b>175</b>	<b>177</b>	<b>183</b>	<b>198</b>	<b>201</b>	<b>208</b>	<b>204</b>
	<b>Triglycerides</b>								
<b>Male</b>		<b>85</b>	<b>96</b>	<b>109</b>	<b>124</b>	<b>135</b>	<b>136</b>	<b>149</b>	<b>150</b>
<b>Female</b>		<b>63</b>	<b>67</b>	<b>82</b>	<b>83</b>	<b>95</b>	<b>110</b>	<b>126</b>	<b>112</b>

**VENEZUELA (SOUTH PART OF THE COUNTRY)**

Lipids in "HIWI" Indians  
mg/dL (%) means in adults

<b>Lipid</b>	<b>Male</b>	<b>Female</b>
<b>CH</b>	69.5	72.7
<b>TG</b>	164	177.4
<b>HDL</b>	19.8	18.2
<b>LDL</b>	36.8	42.4
<b>Apo A</b>	158.5	165.3
<b>Apo B</b>	80.3	95.5
<b>Lp(a)</b>	5.4	4.7

**VENEZUELA  
LOS ROQUES ISLAND**  
(Caribbean Sea)

mg/dL (%) means in adults

<b>CH</b>	<b>TG</b>	<b>HDL</b>	<b>LDL</b>
186.3	118.4	39.5	124.4