

Table 3Criteria for normality of spirometry

FVC	> 80% of predicted
FEV ₁	≥ 80% of predicted
MMF	≥ 75% of predicted
FEV ₁ /FVC	age ≤29, ≥.75 age 30-59, ≥.70 age ≥60, ≥.65

$$\text{FVC predicted} = 0.147 \times \text{Height (in.)} - 0.025 \times \text{Age (yr.)} - 4.241$$

$$\text{FEV}_1 \text{ predicted} = 0.094 \times \text{Height (in.)} - 0.032 \times \text{Age (yr.)} - 1.426$$

(For Blacks, the predicted values were 89% of the above.)

$$\text{MMF predicted} = 0.044 \times \text{Height (in.)} - 0.046 \times \text{Age (yr.)} + 2.806$$

(For Blacks, the same values were observed.)

From: Miller, Thornton, Smith and Morris. Am. J. Ind. Med. 1:55-68, (1980).