Summary Results for Serum Insulin for Participants Fasting for ≥8 Hours
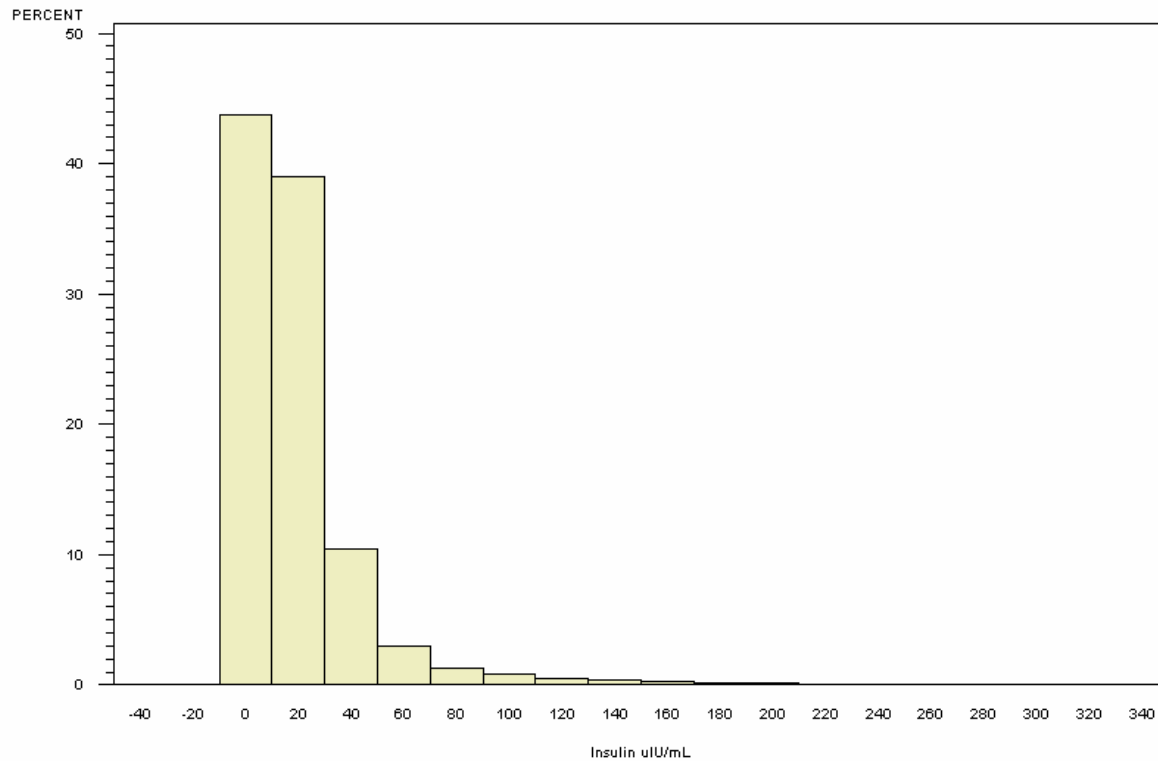
INSULIN IN CHILDREN AGED <20 YEARS AFTER >=8 HOURS OF FASTING

PARTICIPANTS=3288, MEAN=19.73, STANDARD DEVIATION=26.66
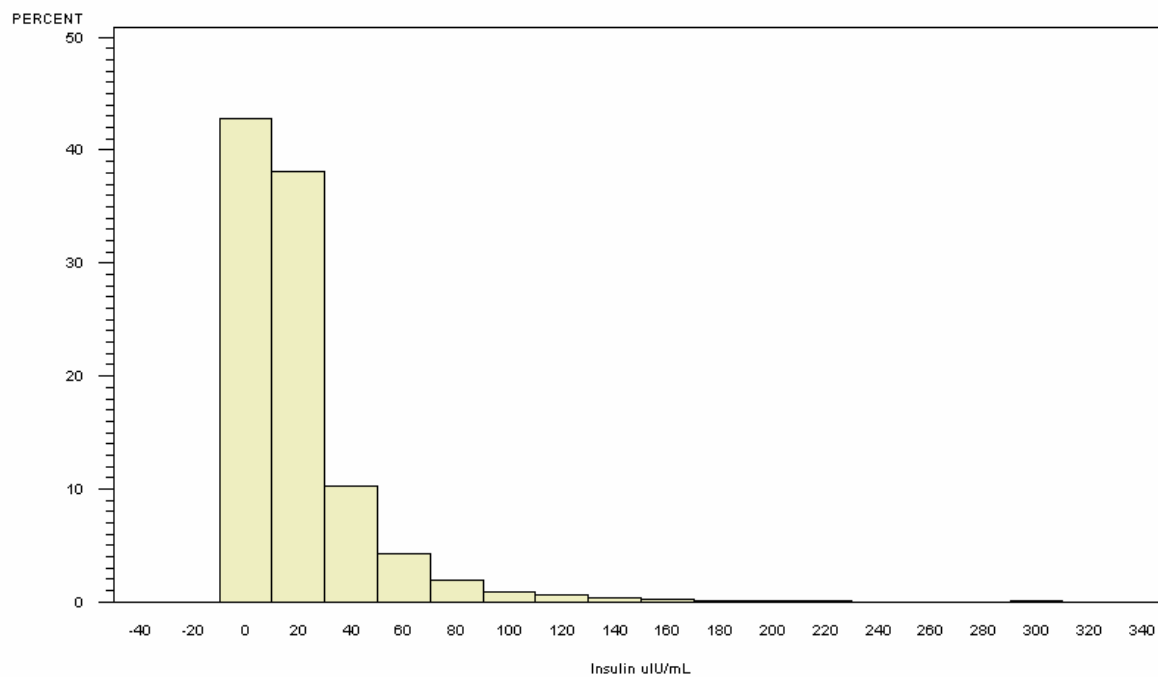
1st PERCENTILE=1.00, MEDIAN=11.90, 99th PERCENTILE=143.00

PERCENT

Insulin uIU/mL

INSULIN IN ADULTS AGED >19 YEARS AFTER >=8 HOURS OF FASTING

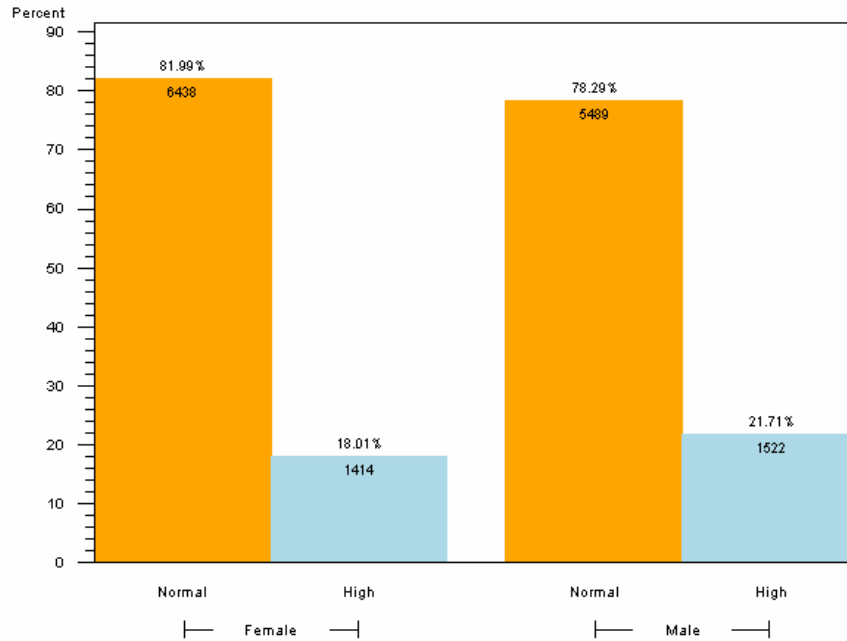PARTICIPANTS=14863, MEAN=20.62, STANDARD DEVIATION=26.89

1st PERCENTILE=1.00, MEDIAN=12.00, 99th PERCENTILE=134.00

PERCENT

Insulin uIU/mL

NORMAL RANGE 0.0-29.1 uIU/mL, TAKEN FROM http://www.labcorp.com/datasets/labcorp/html/chapter/mono/sr002600.htm

INSULIN IN ADULTS AGED >19 YEARS AFTER >=8 HOURS OF FASTING

BY INSULIN CATEGORY WITHIN GENDER (PARTICIPANTS=14863)

Percent

81.99%
6438
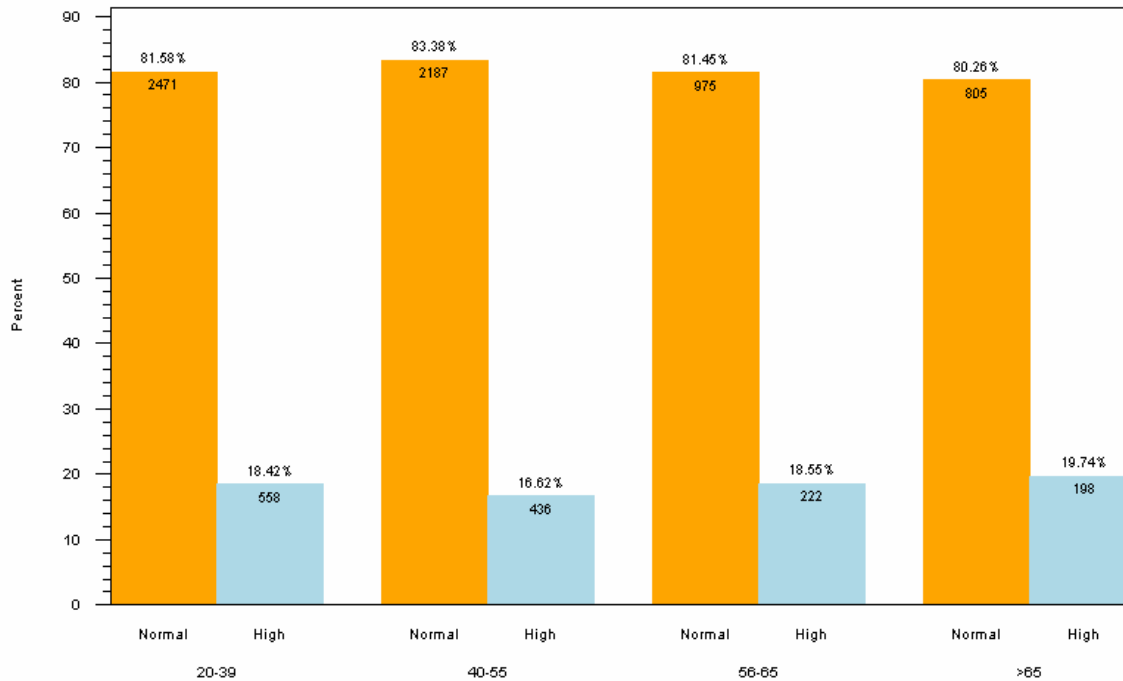
78.29%
5489

18.01%
1414

21.71%
1522

Normal	High	Normal	High
⊢— Female —⊣		⊢— Male —⊣	

1. NORMAL RANGE IS 0.0-29.1 uIU/mL

2. RANGES TAKEN FROM http://www.labcorp.com/datasets/labcorp/html/chapter/mono/sr002600.htm

3. RESULTS BASED ON LAB VALUES, NOT DIAGNOSIS

INSULIN IN ALL ADULT (>19 YEARS OLD) Female AFTER >=8 HOURS OF FASTING

BY INSULIN CATEGORY WITHIN AGE GROUP (PARTICIPANTS=7852)

Percent

81.58%
2471

83.38%
2187

81.45%
975

80.26%
805

18.42%
558

16.62%
436

18.55%
222

19.74%
198

Normal	High	Normal	High	Normal	High	Normal	High
20-39		40-55		56-65		>65	

1. NORMAL RANGE 0.0-29.1 uIU/mL, TAKEN FROM http://www.labcorp.com/datasets/labcorp/html/chapter/mono/sr002600.htm

2. RESULTS BASED ON LAB VALUES, NOT DIAGNOSIS

INSULIN IN ALL ADULT (>19 YEARS OLD) Male AFTER >=8 HOURS OF FASTING
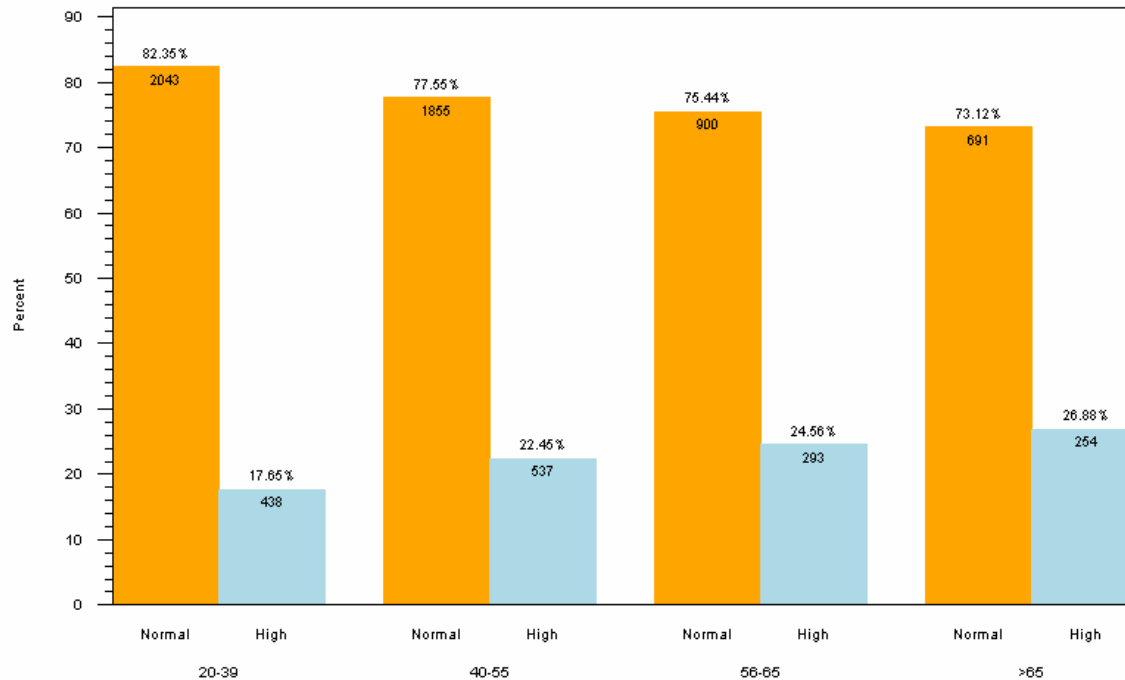### BY INSULIN CATEGORY WITHIN AGE GROUP (PARTICIPANTS=7011)

1. NORMAL RANGE 0.0-29.1 uIU/mL, TAKEN FROM http://www.labcorp.com/datasets/labcorp/html/chapter/mono/sr002600.htm

2. RESULTS BASED ON LAB VALUES, NOT DIAGNOSIS

Reader's Guide to Understanding This Information:

Because of changes associated with growth and development, particularly puberty, normal insulin levels are not available for children.

In adults, approximately 80% of participants had serum insulin levels within the expected range. A higher proportion of men compared to women had elevated insulin levels. In women, the proportion of women with elevated insulin levels remained constant across different age groups. In men, the proportion of men with elevated insulin levels increased with increasing age.