

# AVIAN REFERENCE INTERVALS

The following 11 histograms represent testing carried out using the Abaxis Avian-Reptilian rotor.

This testing was carried out on 305 birds at aviaries located in Arizona, Minnesota, New York, and Pennsylvania by Dr. Karen Rosenthal at the University of Pennsylvania.

These charts can be used as guidance in determining a reference interval for these 11 analytes in avian testing.

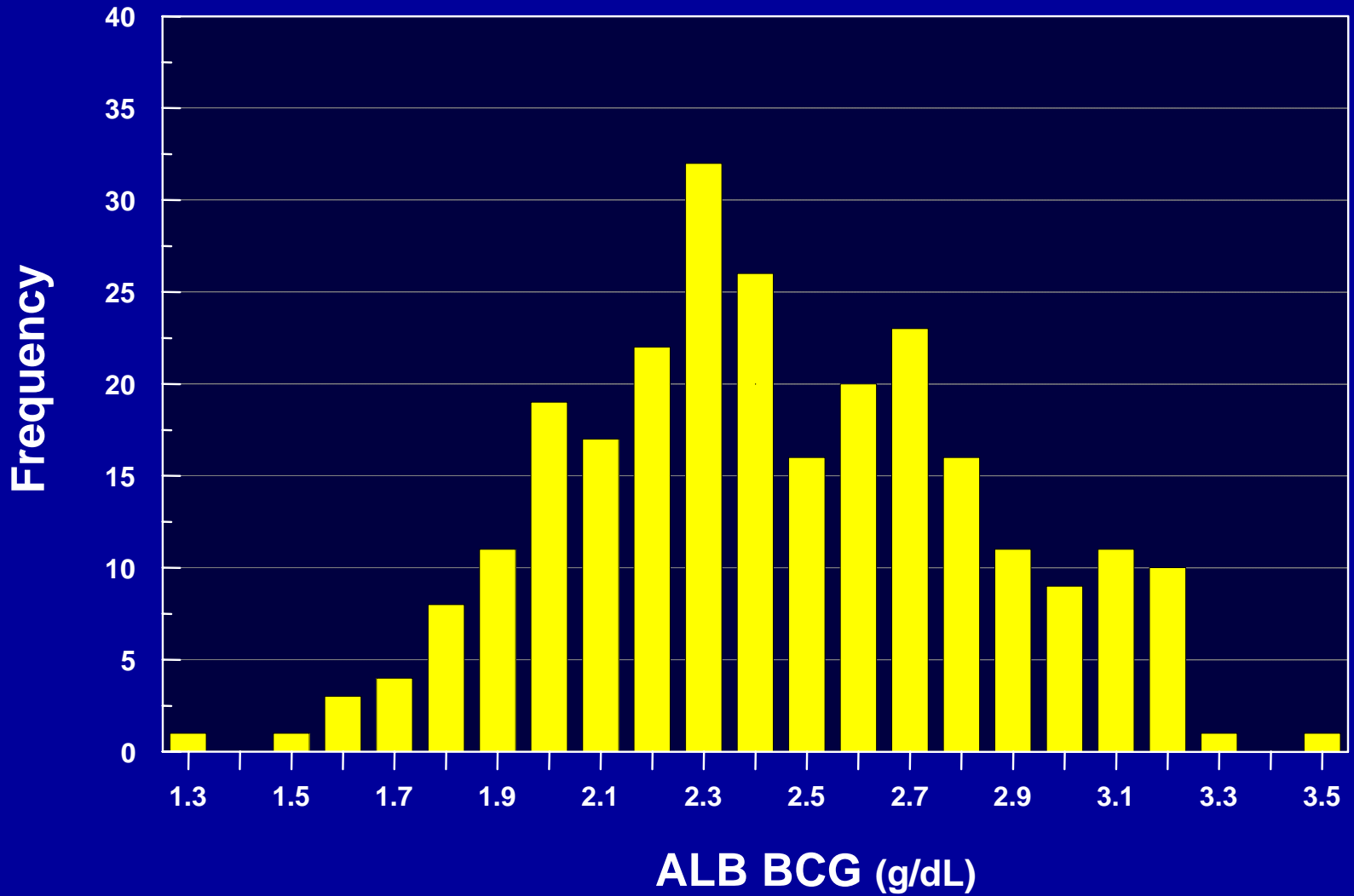
# Recommended Avian Reference Intervals

• Albumin:	1.7 – 3.3	g/dL
• AST	107 – 481	U/L
• Bile Acids	< 95	micromol/L
• BUN	0.8 – 6.5	mg/dL
• Calcium	7.8 – 11.1	mg/dL
• CPK	69 – 524	U/L
• Glucose	223 – 390	mg/dL
• Phosphorous	1.2 – 7.3	mg/dL
• Potassium	3.0 – 5.7	mmol/L
• Sodium	137 – 151	mmol/L
• Total Protein	2.1 – 4.7	g/dL
• Uric Acid	2.5 – 13.3	mg/dL

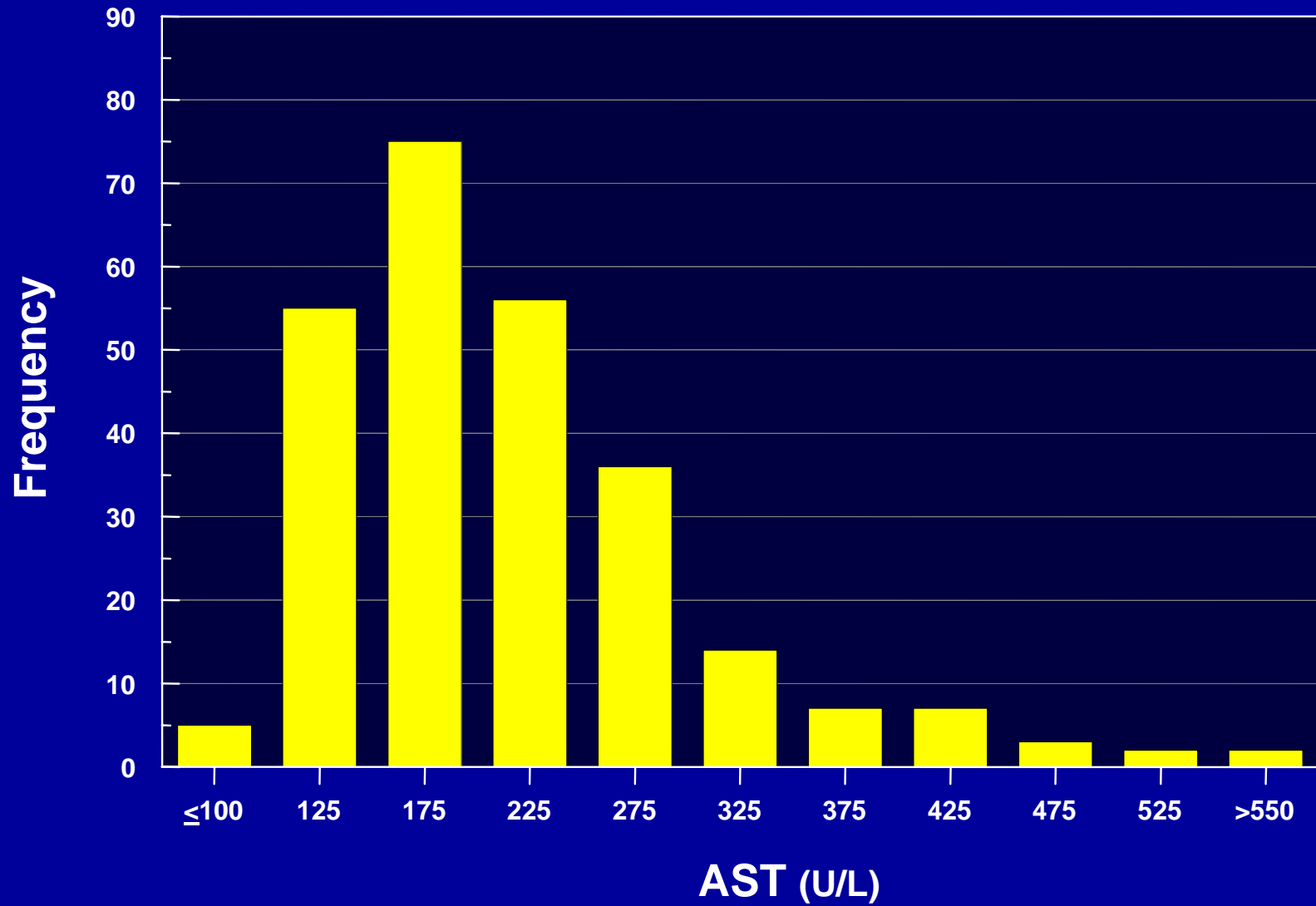
# Reference Population Sample Group

<b>Birds</b>	<b>Total</b>
<b>Cockatoos</b>	<b>61</b>
<b>Cockatiels</b>	<b>59</b>
<b>Conures</b>	<b>42</b>
<b>Amazons</b>	<b>30</b>
<b>Macaws</b>	<b>25</b>
<b>African Greys</b>	<b>22</b>
<b>Parakeets</b>	<b>13</b>
<b>Lovebirds</b>	<b>12</b>
<b>Lorys</b>	<b>10</b>
<b>Others</b>	<b>31</b>
<b>Totals</b>	<b>305</b>

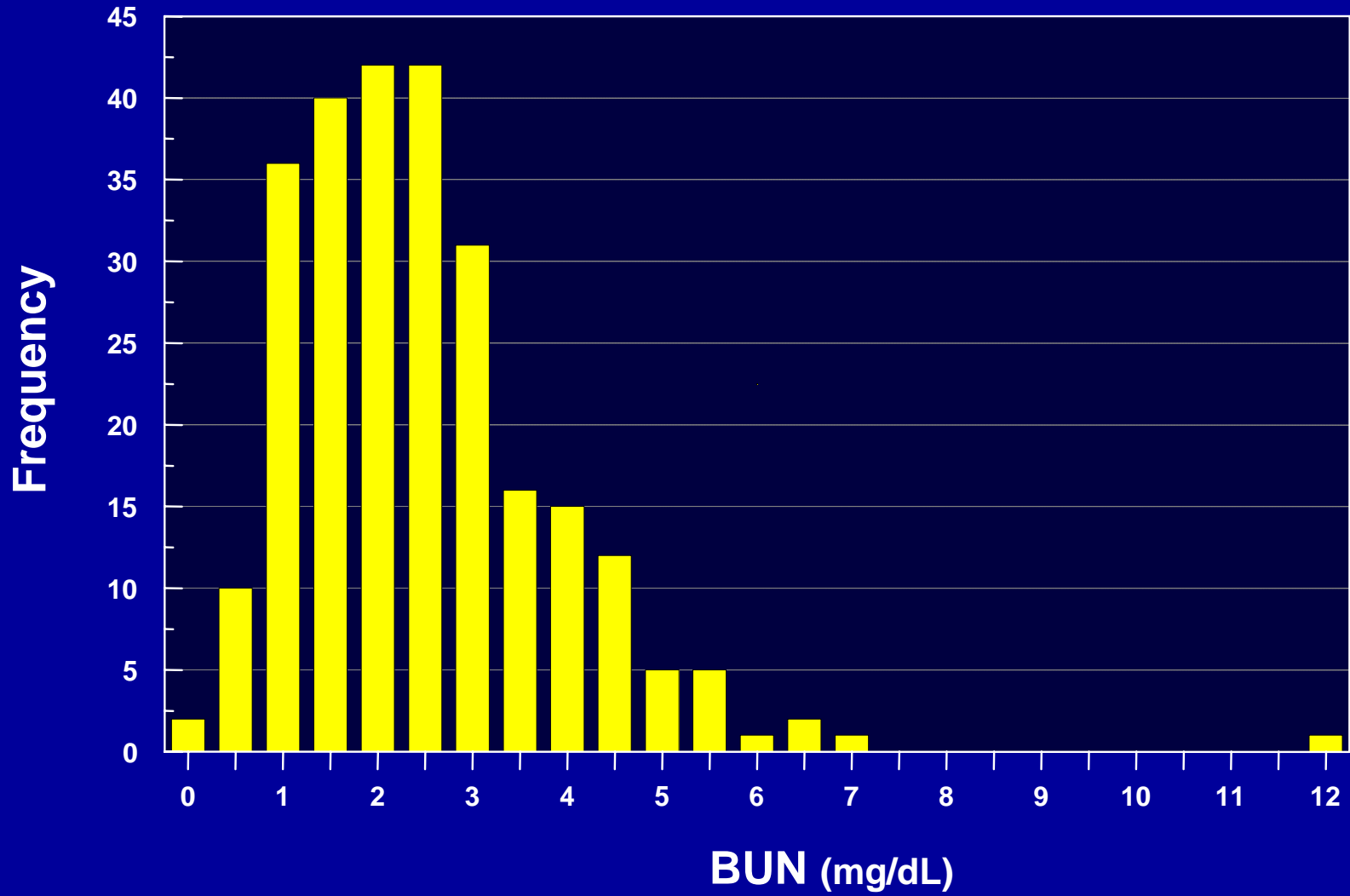
# ALBUMIN



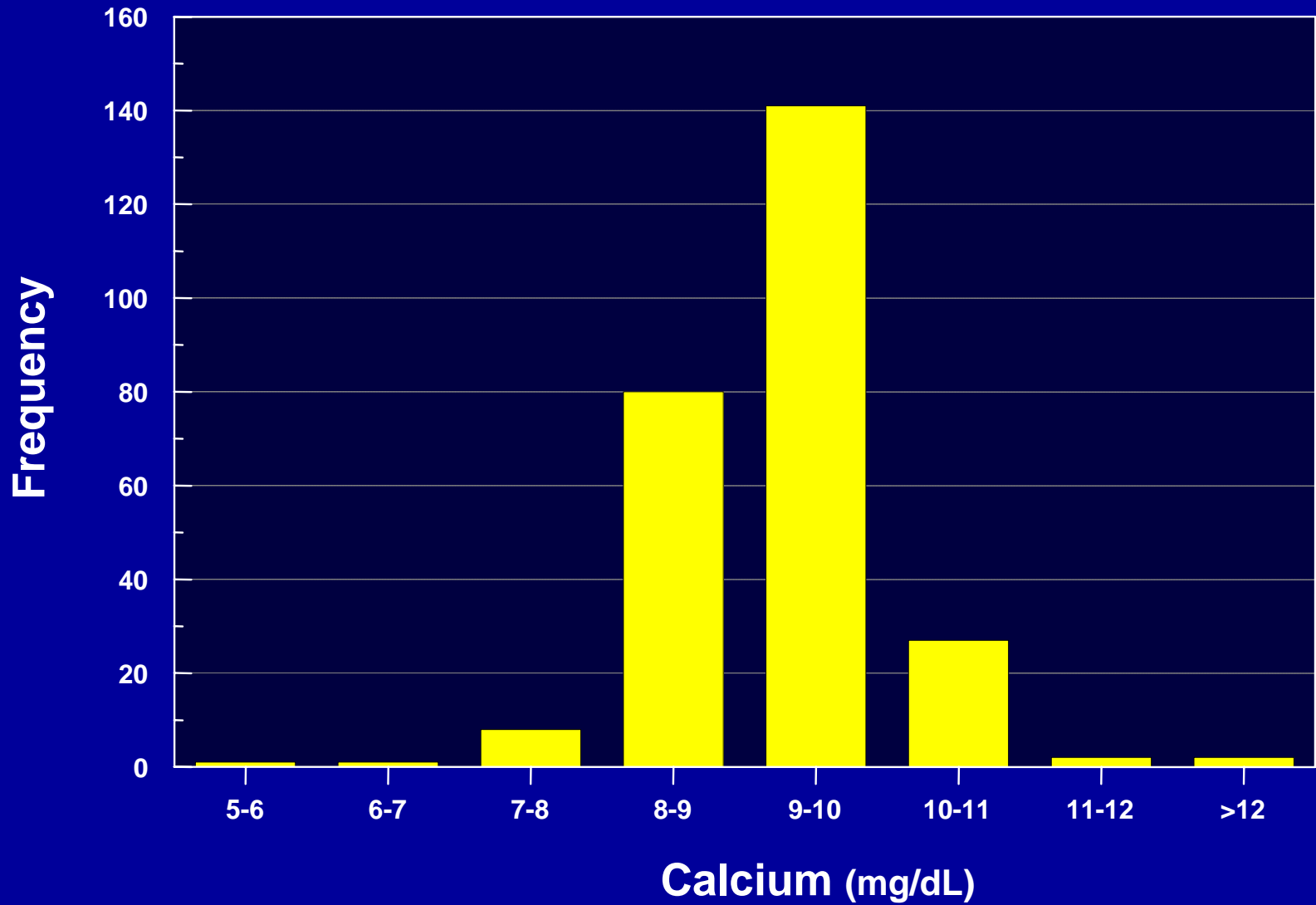
# AST



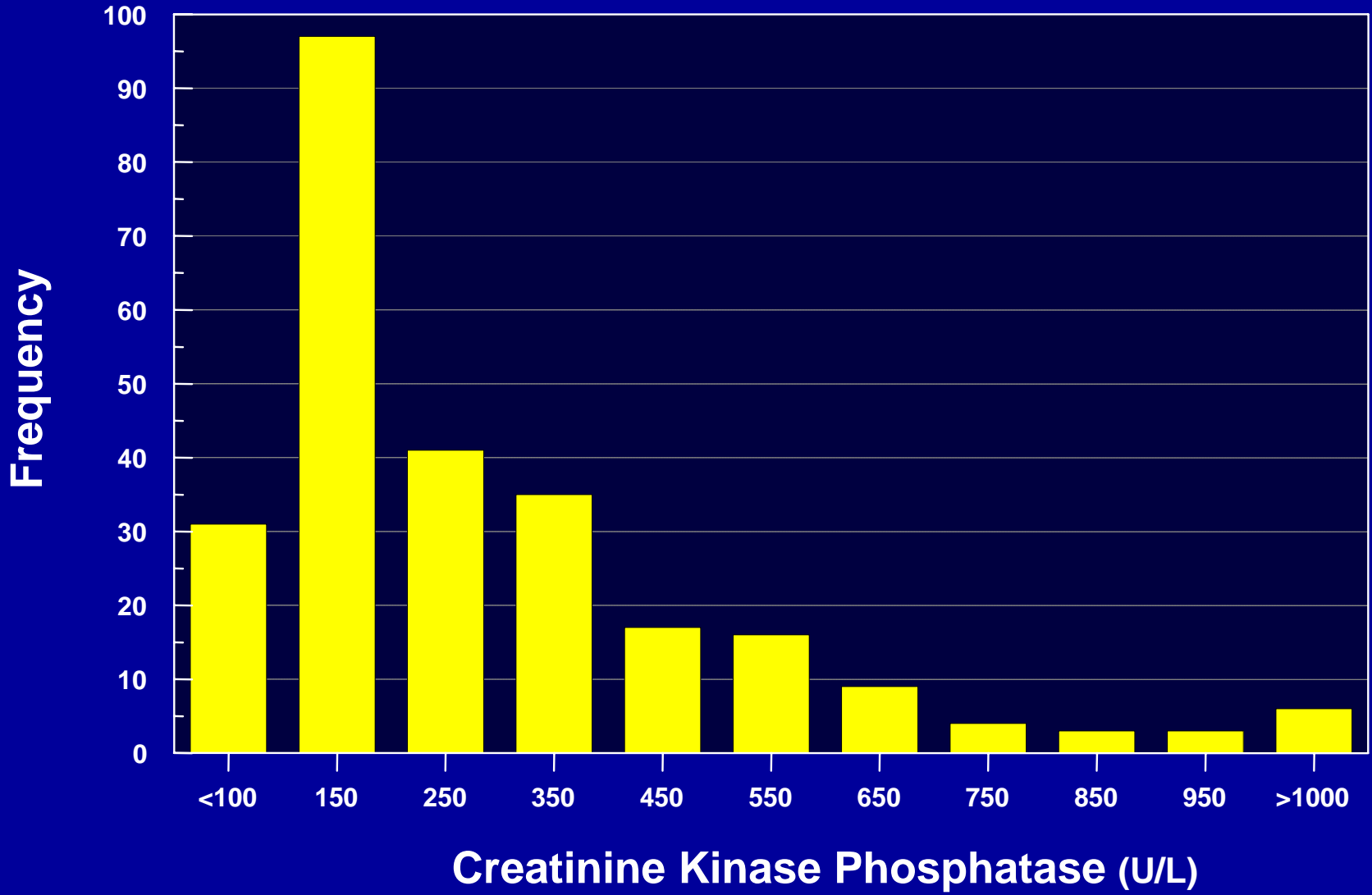
# BUN



# CALCIUM

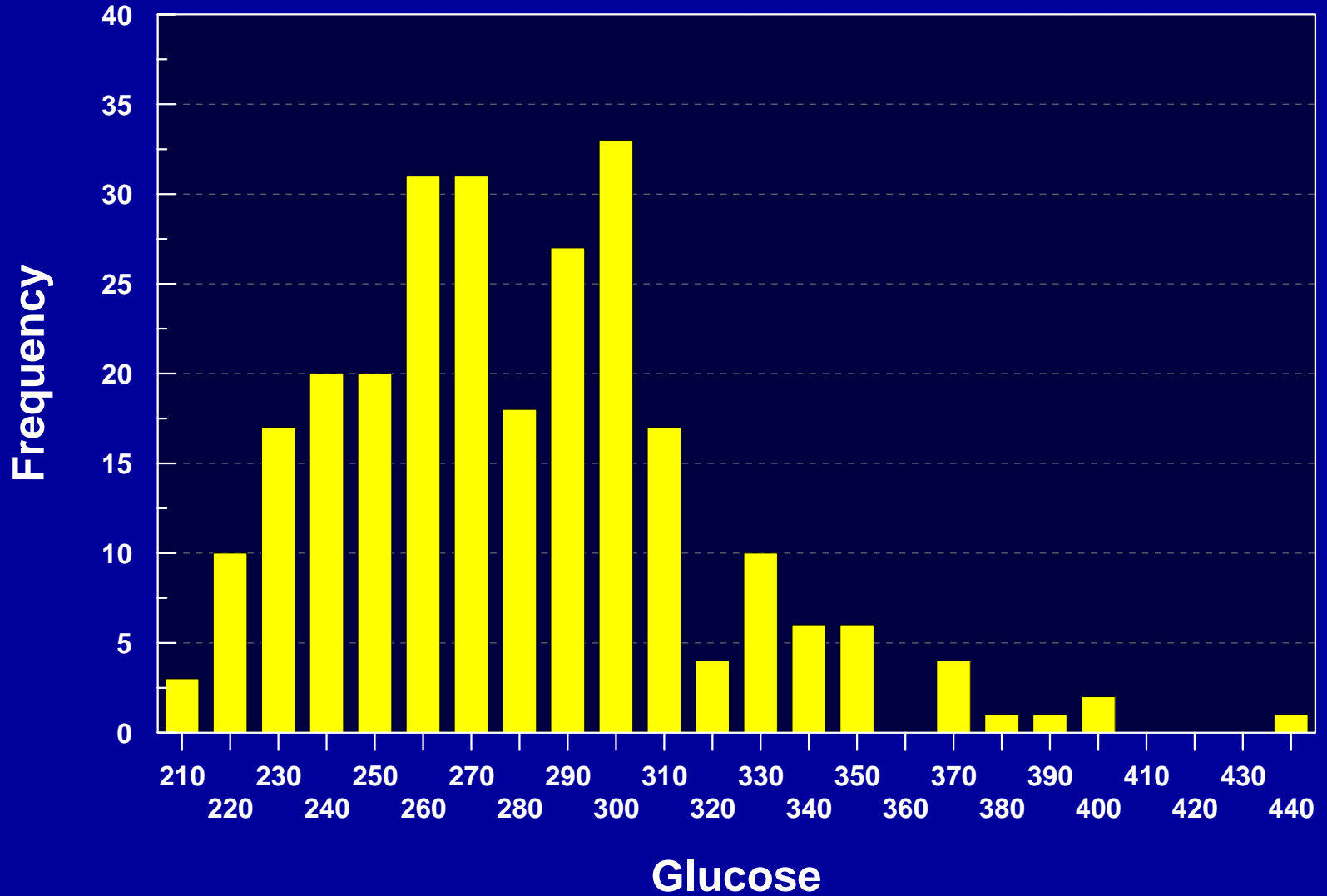


# CK

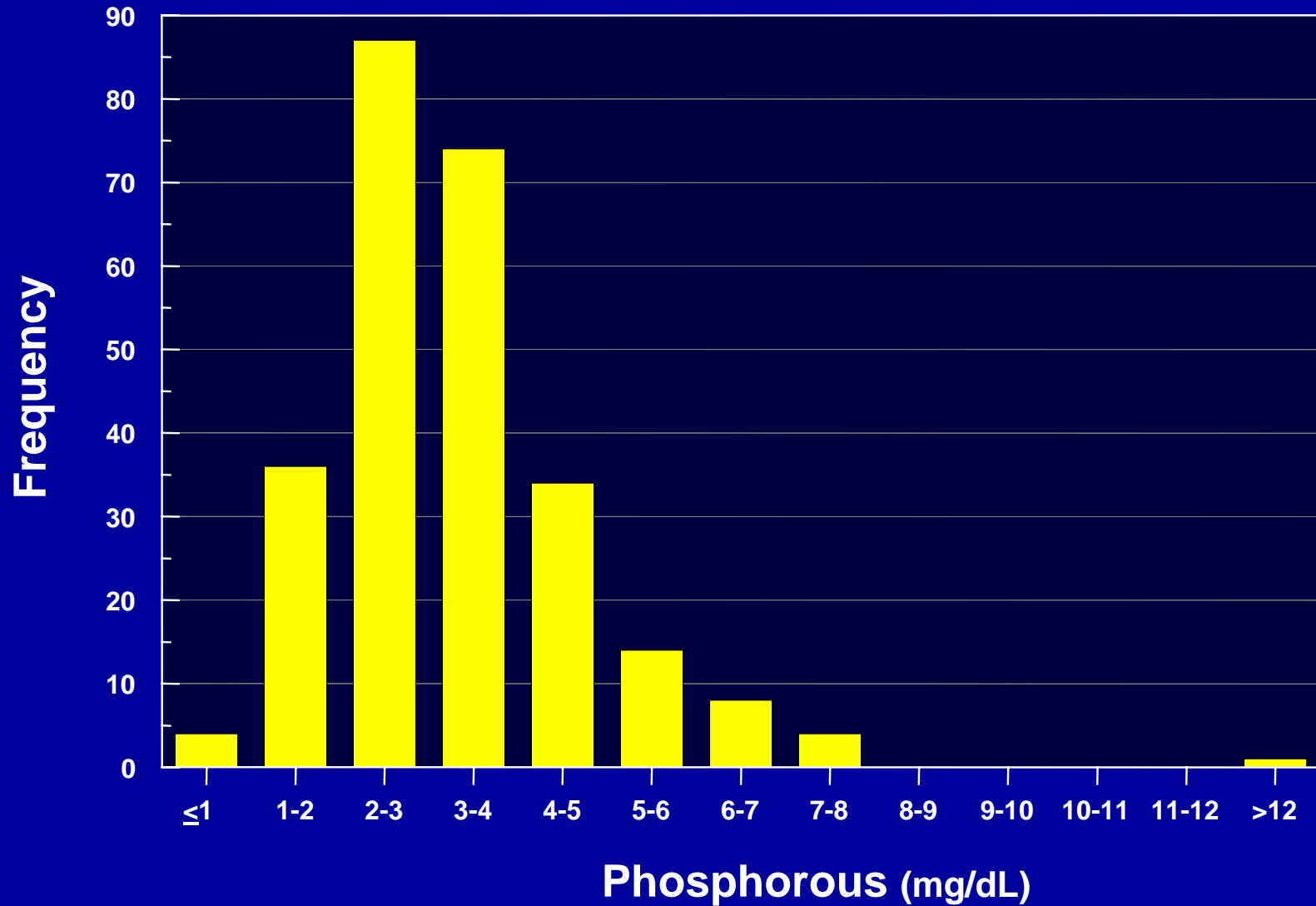




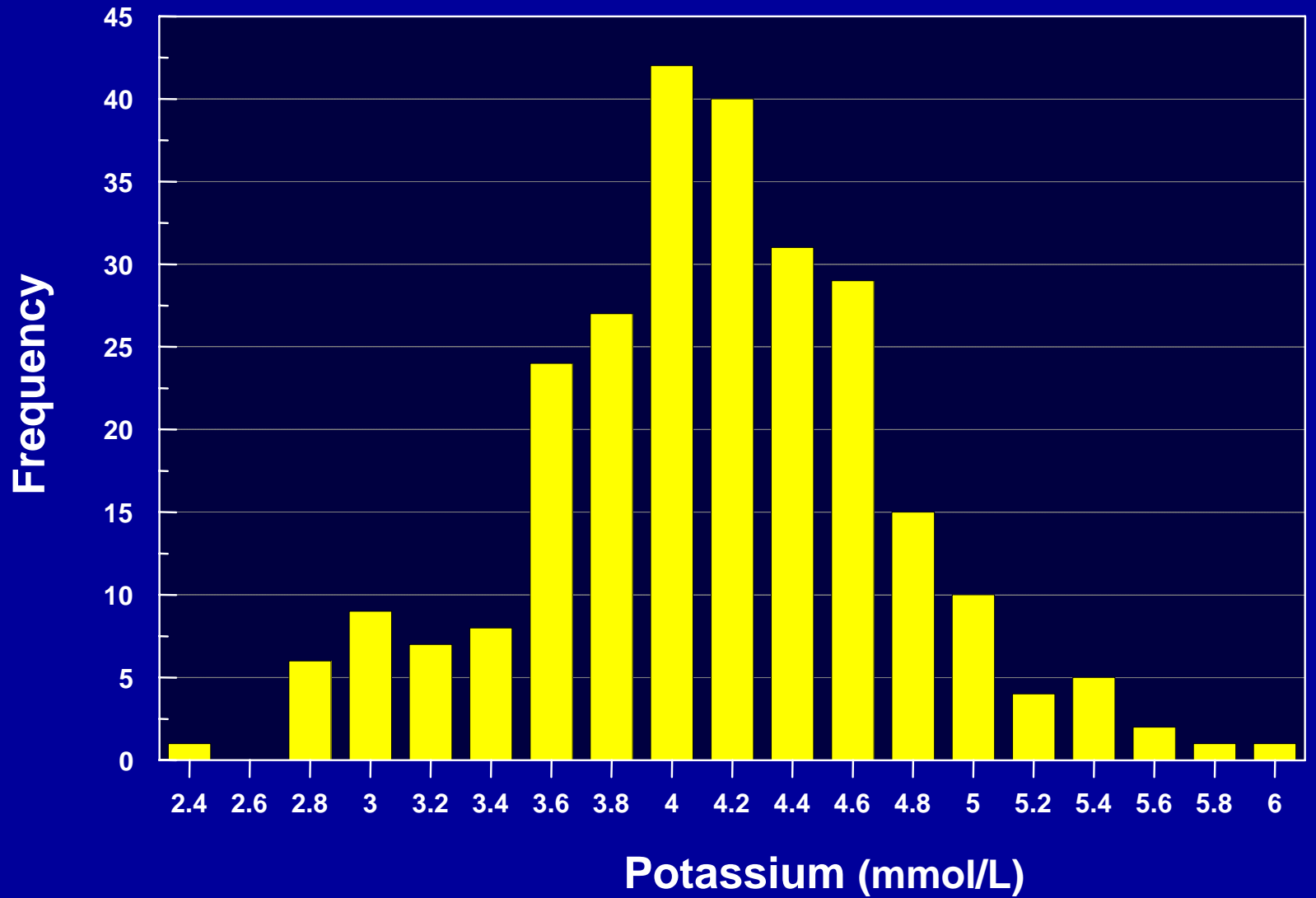
# GLUCOSE



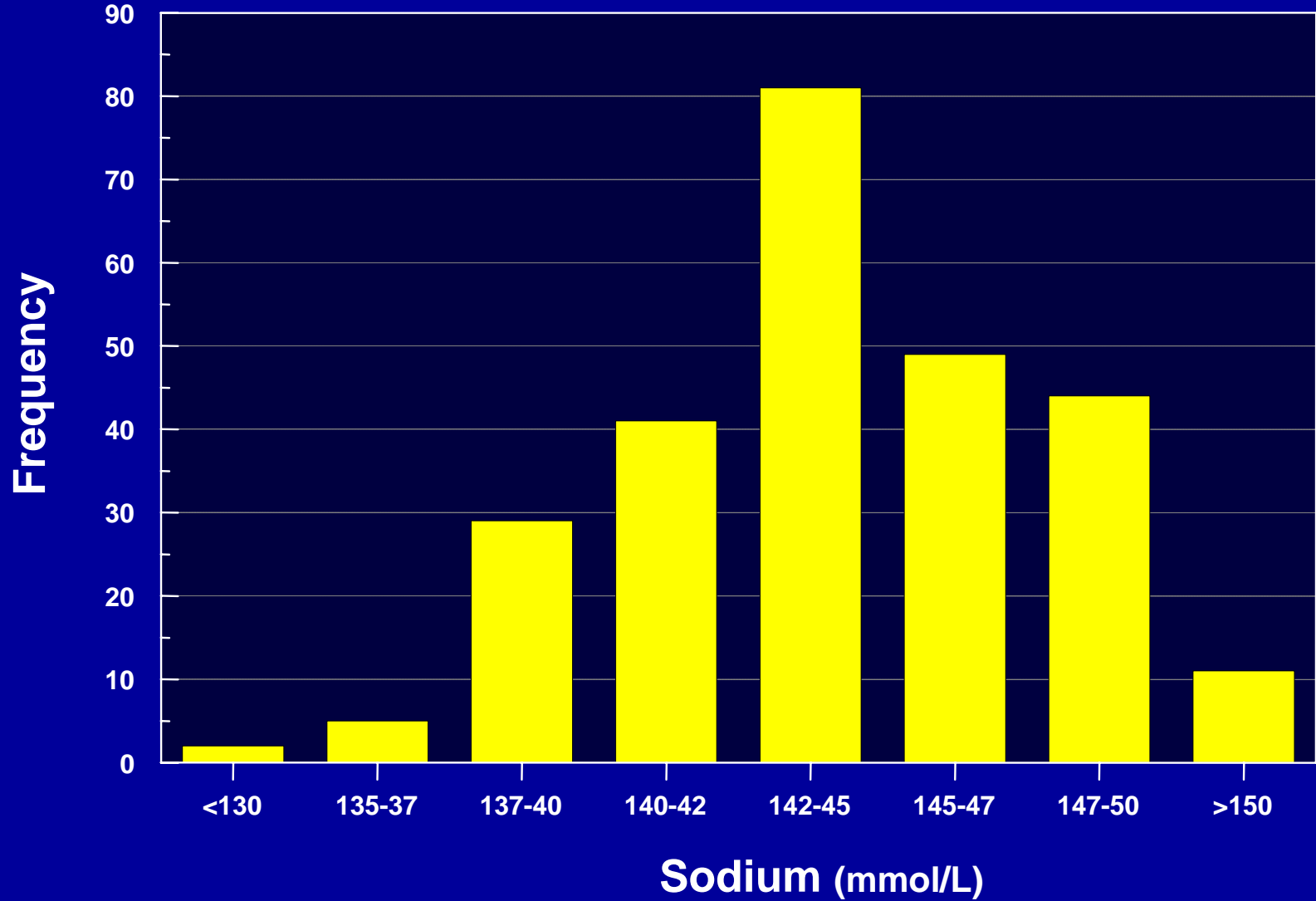
# PHOSPHOROUS



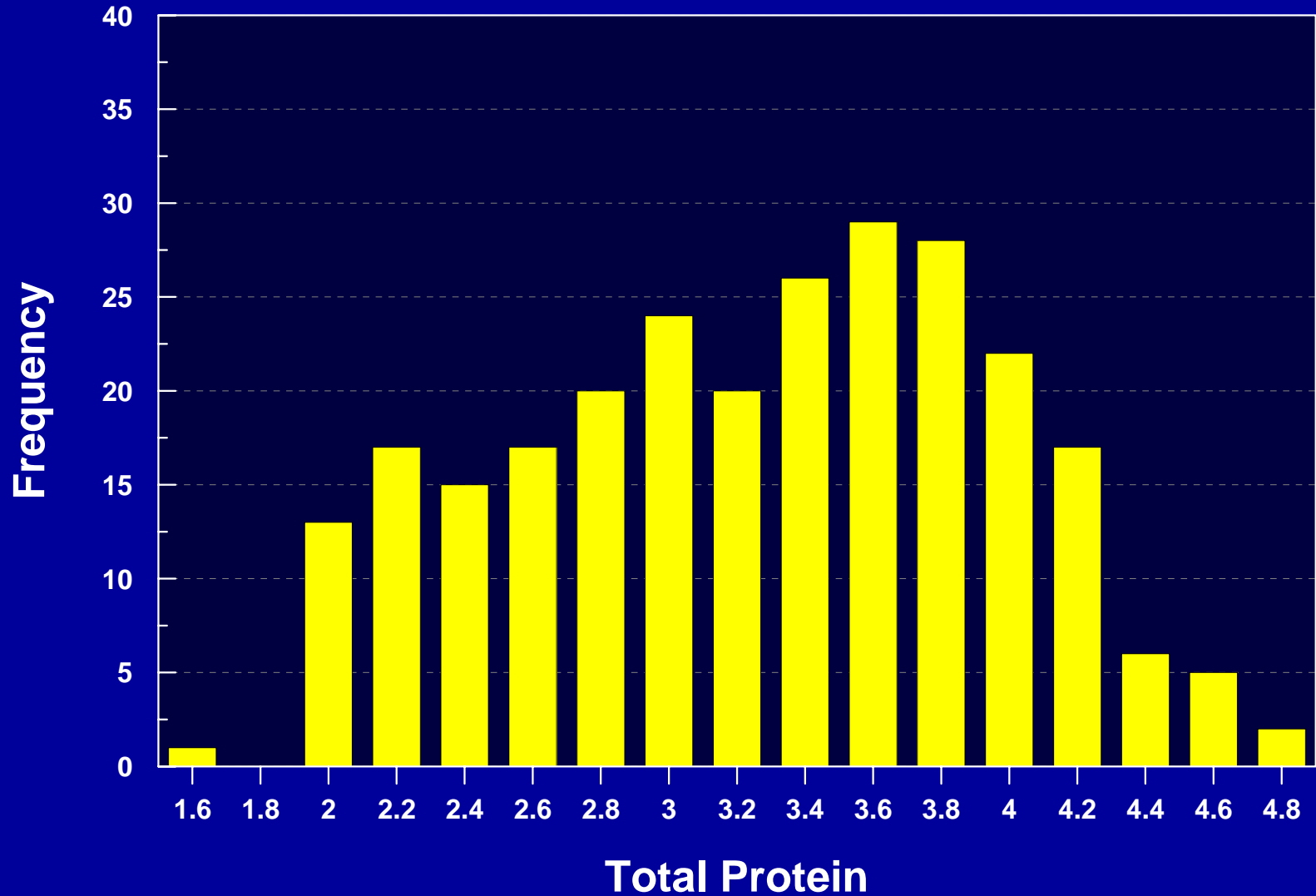
# POTASSIUM



# SODIUM



# TOTAL PROTEIN



# URIC ACID

