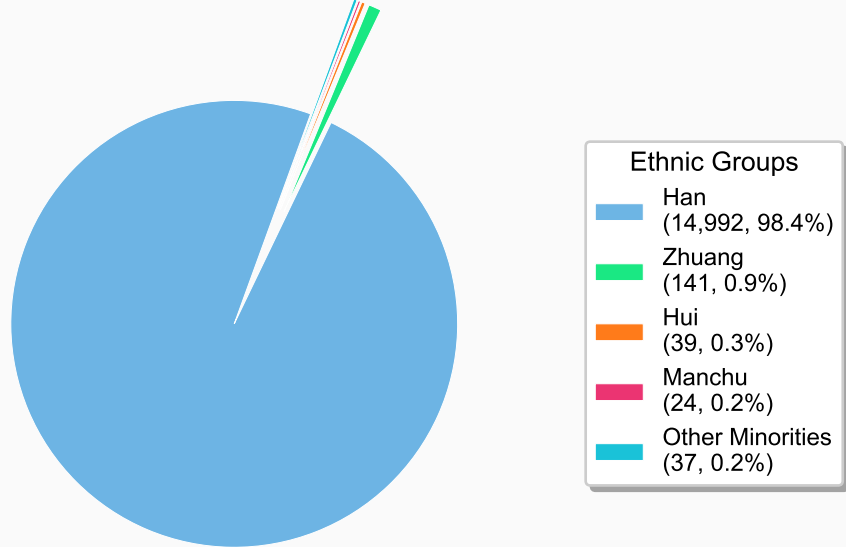


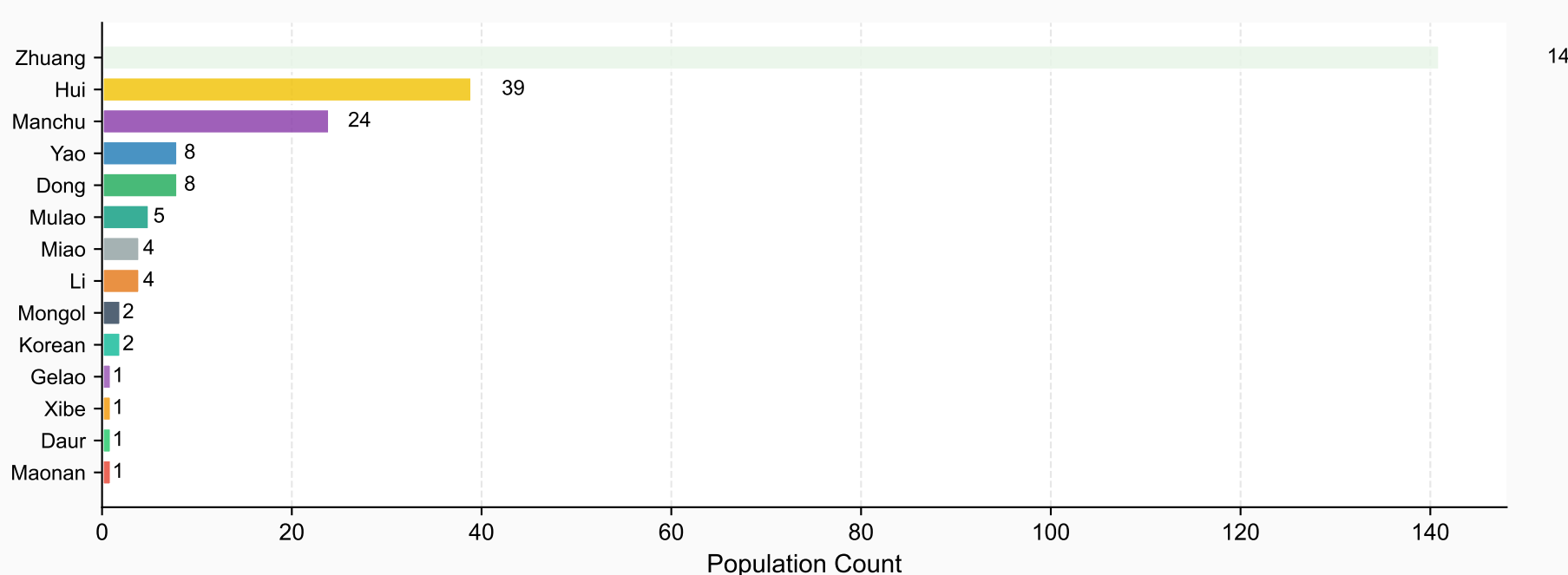
# China Biobank Eye Cohort: Ethnic Group Distribution Analysis

Total Samples: 24,873 | Valid Data: 15,233 (61.2%) | Ethnic Groups: 15

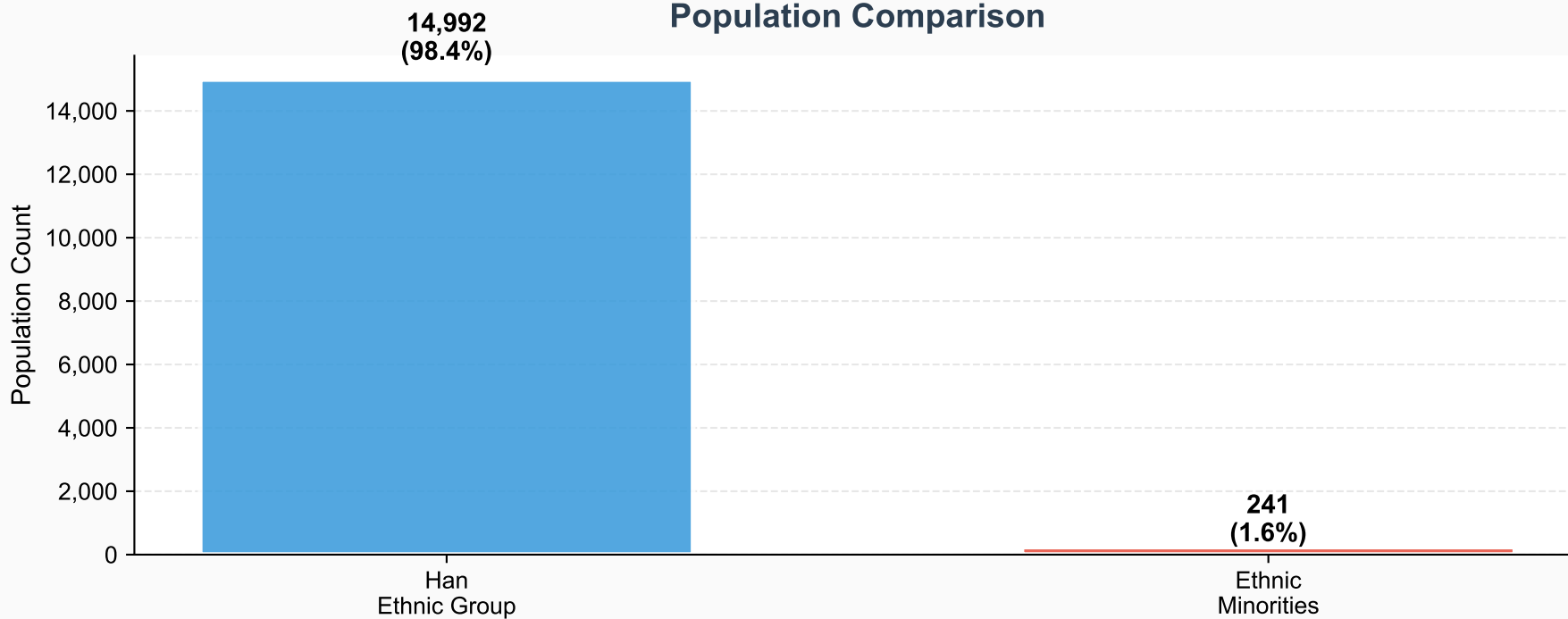
Overall Ethnic Distribution



Ethnic Minorities Distribution



Population Comparison



## Statistical Analysis Summary

### BASIC STATISTICS

- Total Samples: 24,873
- Valid Data: 15,233 (61.2%)
- Missing Data: 9,640 (38.8%)
- Data Quality: Good
- Ethnic Diversity: 15 distinct groups

### TOP ETHNIC MINORITIES

- Zhuang: 141 people (0.926%)
- Hui: 39 people (0.256%)
- Manchu: 24 people (0.158%)
- Dong: 8 people (0.053%)
- Yao: 8 people (0.053%)

### RESEARCH IMPLICATIONS

- Sample represents typical Chinese population structure
- Sufficient Han majority for robust statistical analysis
- Limited minority sample sizes may require grouped analysis
- Missing data pattern should be investigated for bias
- Geographic distribution analysis recommended

### POPULATION DISTRIBUTION

- Han Population: 14,992 (98.42%)
- Minority Population: 241 (1.58%)
- Largest Minority: Zhuang (141 people)
- Smallest Minority: 1 people
- Average Minority Size: 17.2 people

### STATISTICAL INSIGHTS

- Diversity Ratio: 16.1 minorities per 1000 Han
- Representation Level: Medium
- Population Concentration: 98.4% in single group
- Minority Fragmentation: 14 separate groups
- Data Reliability: 61.2% completion rate