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Membership Demographics

Descriptive Statistics

Research Team
PROJECT MANAGEMENT INSTITUTE – GHANA CHAPTER

Introduction

In today's dynamic and competitive professional landscape, effective project management stands as a cornerstone of organizational success and sustainable development. The Project Management Institute (PMI) - Ghana Chapter serves as a pivotal platform for fostering excellence in project management practices across various sectors in Ghana. As part of its commitment to advancing the field, this report delves into the demographic and professional profiles of PMI - Ghana Chapter members. By examining key descriptive statistics, such as age distribution, educational backgrounds, industry representation, and professional certifications, this analysis aims to provide insights into the diverse expertise and contributions of our membership base. This foundational understanding not only underscores the breadth of talent within our community but also informs strategic initiatives aimed at further enhancing project management capabilities and nurturing a thriving network of professionals dedicated to excellence and innovation.

Furthermore, understanding the demographics of our members is crucial for the chapter to tailor its offerings and events to best serve its membership base. This report analyzes data from PMI Data base to gain insights into the composition of our membership base.

Data Description

The data for this report comes from a membership database maintained by the PMI Ghana Chapter. It includes the following categorical variables:
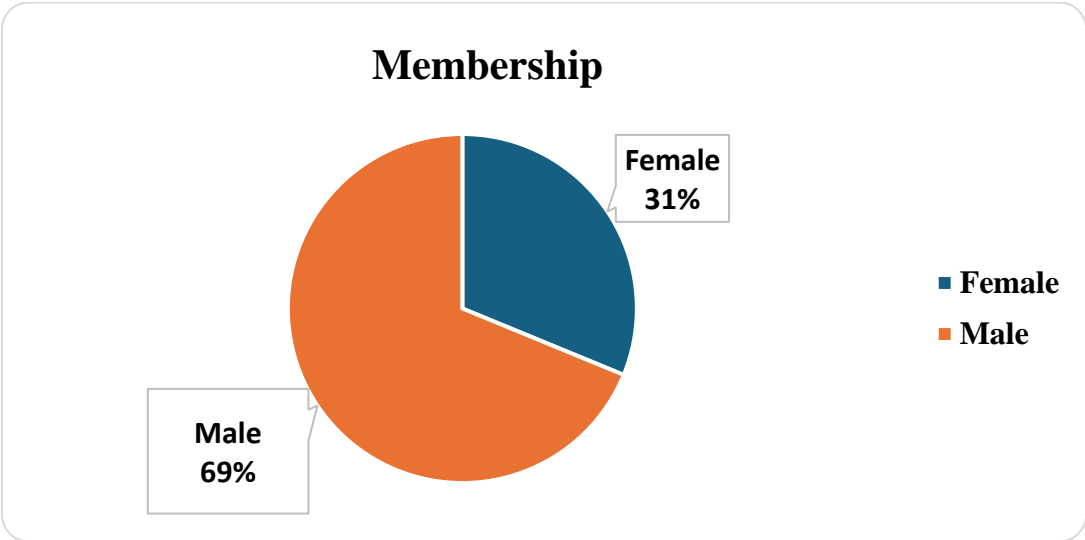
- Level of education (with a significant portion missing)
- Sex (male or female)
- Industry type (with significant portion missing)
- Certification type

Membership Summary

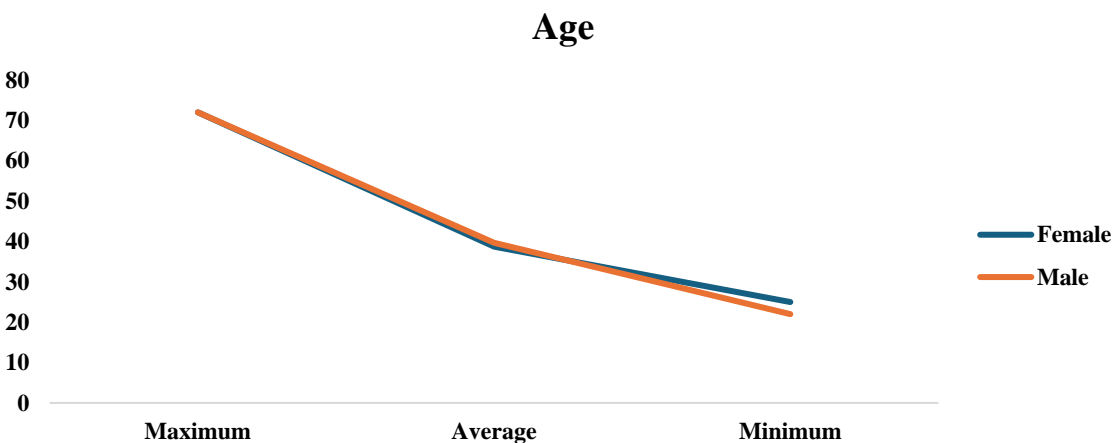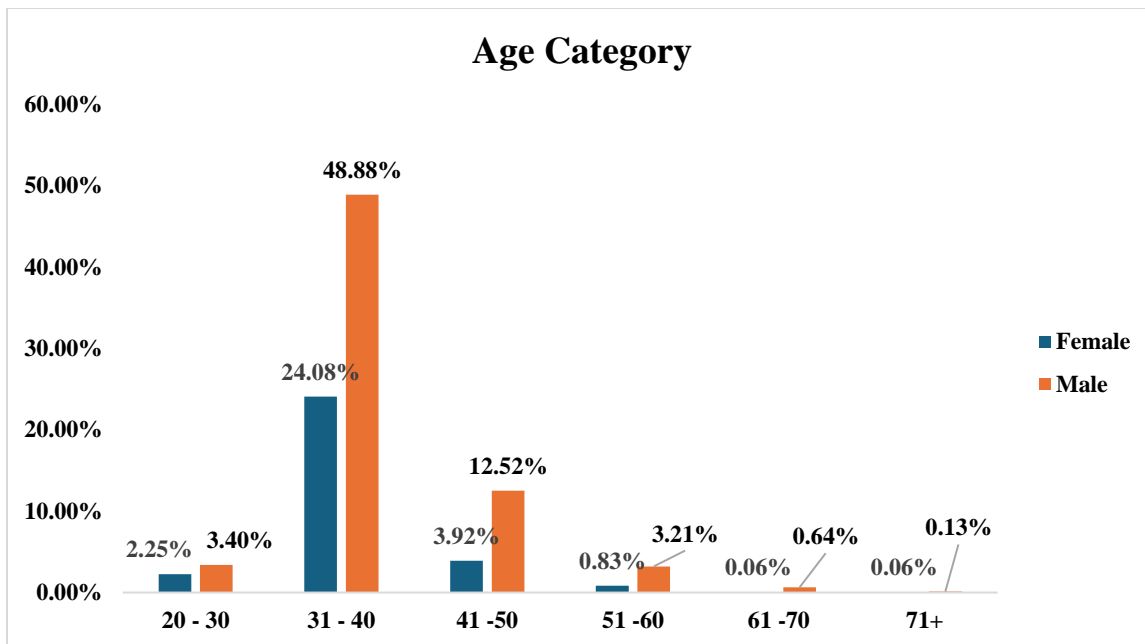The total number of PMI Ghana Chapter members stands at 1,557.

Out of the total members, 1,074 are males and 483 are females. This translates into 69% and 31% respectively. See fig 1 below

Membership spans a range of ages with 5.65% of members aged between 20-30, 72.96% aged between 31-40, 16.44% aged between 41-50 and 4.95% aged 51 and above.
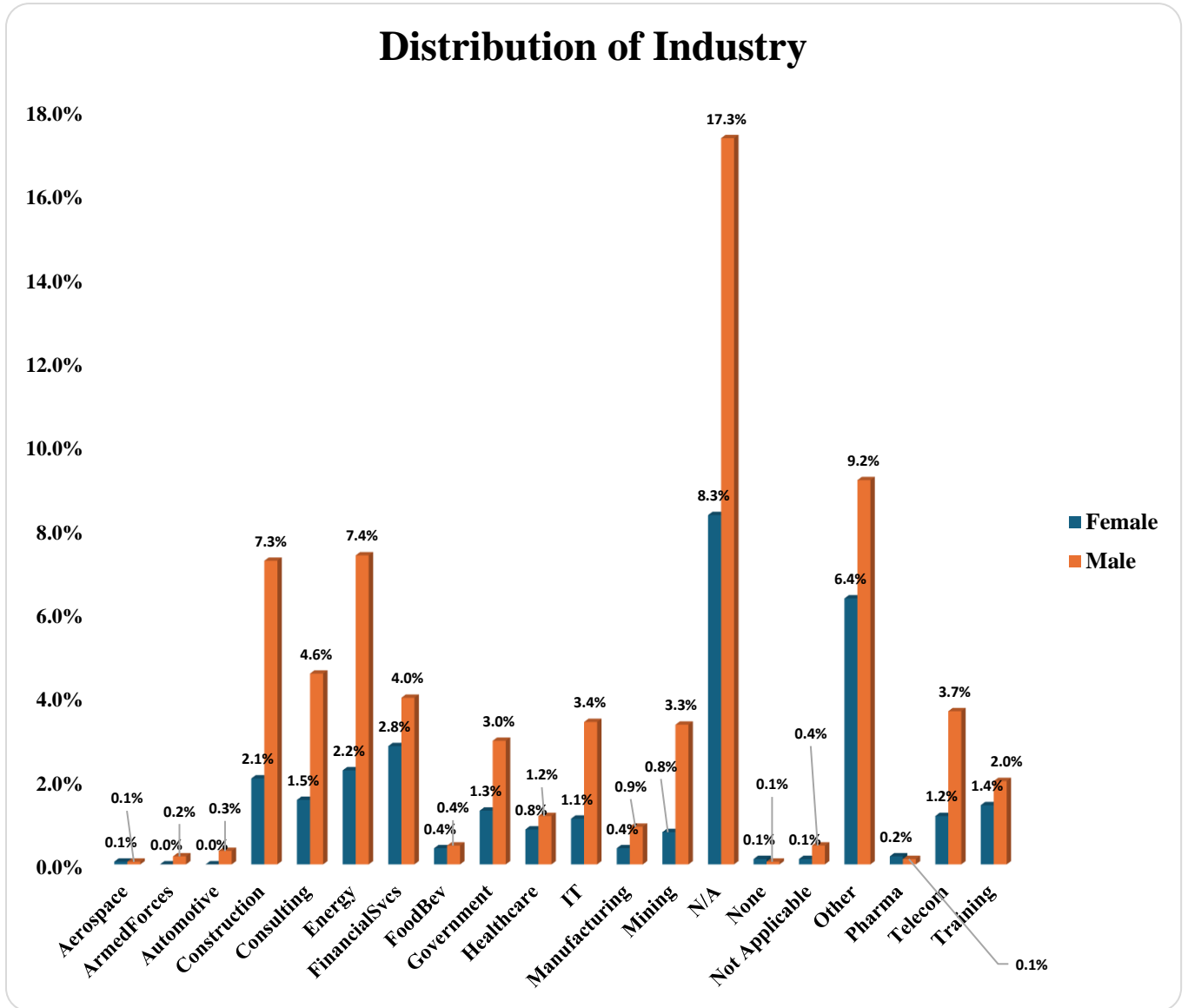
Age Distribution:

The age distribution forms a bell-shaped curve, indicating a roughly symmetric distribution. The average age of members is 39.36 years, with a median and modal age of 39 years, suggesting a slight right skewness. Age ranges from 22 to 72 years, showing a diverse membership in terms of age. The distribution is unimodal, with the peak frequency occurring around the age group of 31 - 40 years. This age profile highlights a predominant presence of millennials, with relatively fewer younger and older individuals.

Age Category

2.25% 3.40% 24.08% 48.88% 3.92% 12.52% 0.83% 3.21% 0.06% 0.64% 0.06% 0.13%

20 - 30   31 - 40   41 -50   51 -60   61 -70   71+

■ Female
■ Male

Age

Maximum   Average   Minimum

— Female
— Male

Industry Distribution

The table below shows a distribution of members across industries in Ghana.
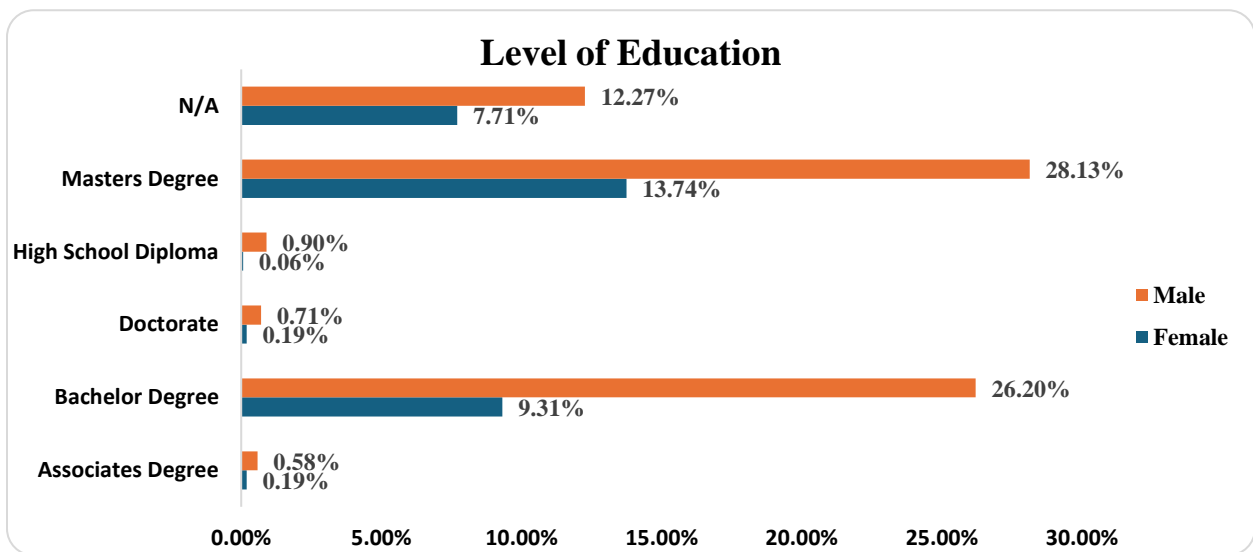

Distribution of Industry

Majority of members are employed in the energy sector (9.60%), followed by construction (9.30%) and finance (6.80%). Consulting, mining and telecom sectors each account for 6.1%, 4.1% and 4.8% respectively, while healthcare, government, food & beverage and training sectors collectively make up 14.1% of the industry distribution. This distribution underscores a strong representation of technology-related industries among members, reflecting diverse professional backgrounds and sectoral interests within the dataset.

Educational Background:

Level of education varies widely, with the majority having completed at least Bachelor's degree (77.38%). Master's degree holders constitute the largest group at 41.87%, followed by bachelor's degree holders at 35.51%. Doctorate degree, associate degree and high school diploma holders make up 0.90%, 0.77% and 0.96% respectively. This distribution reflects a diverse educational background among members, highlighting a range of qualifications and expertise within the Chapter. Please see the table and figure below for details.

Level of Education	Female	Male	Total
Associates Degree	3	9	12
Bachelor Degree	145	408	553
Doctorate	3	11	14
High School Diploma	1	14	15
Masters Degree	214	438	652
N/A	120	191	311
Total	**486**	**1,071**	**1,557**

Certification Landscape:

Among the 1,557 "active" members, certifications in project management are prevalent, with the following breakdown:

- Project Management Professional (PMP): at least 51.96% of members
- CAPM: 0.51% of members
- PMI-PBC: 0.32% of members
- Agile Certified Practitioner (PMI-ACP): 0.64% of members

Most members hold the Project Management Professional (PMP) certification, making up at least 51.96% (male and female accounting for 36.10% and 15.86% respectively) of active members. About 44% of members did not indicate the type of certification they hold. Agile-related certifications, such as Certified ScrumMaster (CSM), PMI -PBA and Agile Certified Practitioner (PMI-ACP), are less prevalent among chapter members. This distribution highlights a predominant focus on traditional project management frameworks among members in the chapter, with agile methodologies representing a smaller but notable segment. Please see the table for more details

Certification Type	Female	Male	Grand Total
CAPM	0.13%	0.39%	0.51%
DASM	0.06%	0.19%	0.26%
DASSM	0.00%	0.06%	0.06%
PgMP	0.00%	0.06%	0.06%
PMI-ACP	0.06%	0.58%	0.64%
PMI-CP	0.00%	0.06%	0.06%
PMI-PBA	0.06%	0.26%	0.32%
PMI-RMP	0.00%	0.06%	0.06%
PMI-SP	0.06%	0.13%	0.19%
PMP	15.86%	36.10%	51.96%
PMP, PgMP	0.00%	0.06%	0.06%
PMP, PgMP, PMI-RMP, PMI-ACP, PMI-PBA	0.00%	0.06%	0.06%
PMP, PMI-ACP	0.06%	0.77%	0.83%
PMP, PMI-PBA	0.00%	0.06%	0.06%
PMP, PMI-RMP	0.06%	0.26%	0.32%
PMP, PMI-RMP, PMI-ACP, PMI-PBA	0.00%	0.06%	0.06%

PMP, PMI-RMP, PMI-PBA	0.00%	0.06%	0.06%
PMP, PMI-RMP, PMI-SP	0.00%	0.06%	0.06%
Missing Data	14.84%	29.35%	44.19%
PMI-ACP	0.00%	0.06%	0.06%
Grand Total	**31.21%**	**68.79%**	**100.00%**

Enhancing Our Understanding

There is currently an ongoing survey to gain a more specific industry breakdown and tailor chapter activities accordingly. The research team will also explore ways to collect complete data on all relevant variables and missing data during registration/membership renewals or through surveys to gain a clearer picture of the demographics of members.

Conclusion

The research team of the Project Management Institute (PMI) - Ghana Chapter sought to provide a detailed analysis of the demographic and professional characteristics of its members based on available data. The descriptive statistics revealed insightful trends regarding the composition of PMI - Ghana Chapter's membership, including age distribution, educational backgrounds, and industry representation. However, it's noted that the analysis was impacted by missing data in certain variables, affecting the completeness of the demographic profile and limiting the depth of insights in specific areas such as age, level of education, industry and certification status. Despite these challenges, the report highlights key findings such as a predominant presence of professionals from sectors like energy and construction, with a notable representation of members holding advanced degrees. Moving forward, efforts to enhance data collection methods and encourage comprehensive member profile updates will be essential to enriching future analyses and ensuring robust decision-making support within PMI - Ghana Chapter.