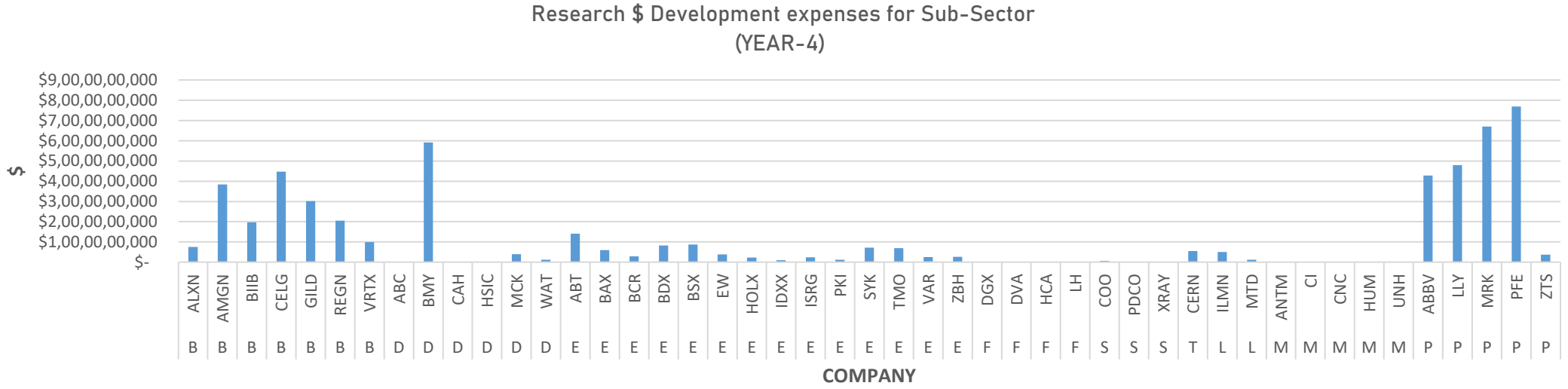
NYSE – DATA ANALYSIS

PROJECT - 2

(Summary)

Project Analysis

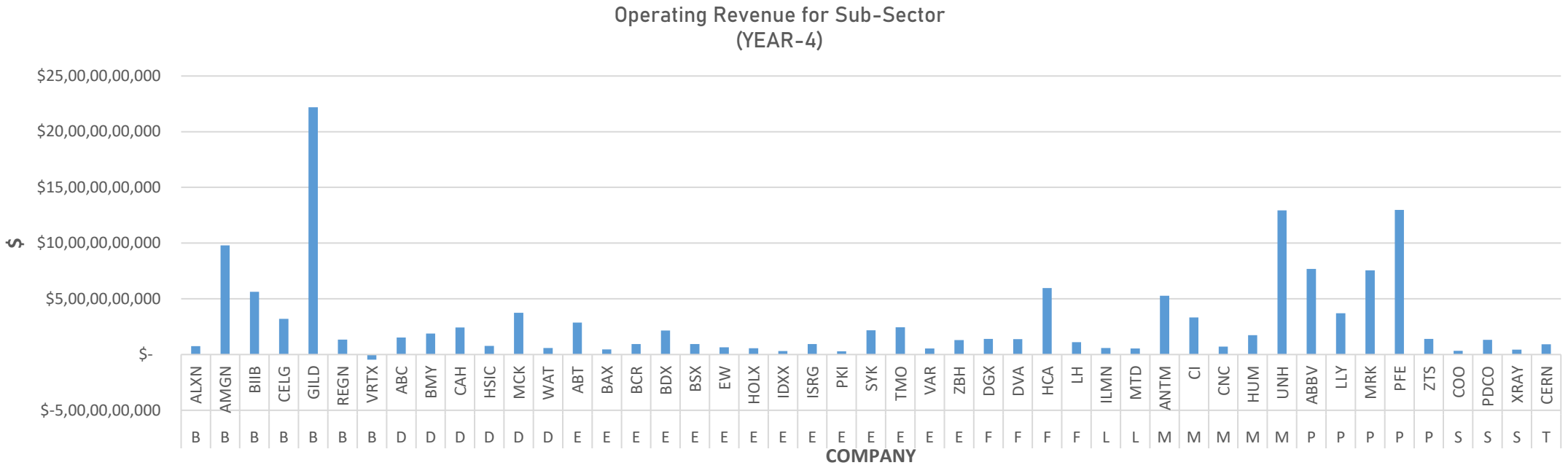
Q : Which Company under the Sub-Sector within Health Care sector spend most in Research & Development in Year 4?



The **standard deviation** of the spending in Research & Development work for companies categorized under Health Care sector is **$1,946,451,039**. It looks likes the companies under the Health Care sector has high variability in R&D spending in the Year 4 with minimum spending of **$0** to the maximum of **$7,690,000,000**. The **mean** spending across all the companies is around **$1,183,842,191**. **PFE** company under **Pharmaceutical sub-sector** had spend the most in its Research and Development works within Health Care sector.

Project Analysis

Q : Which Company under GISC sub-sector within Health Care sector generated more revenues in Year 4?



Although PFE has the highest expenditure in R&D works (from the previous slide) but that doesn't mean that it lead to more operating income. The **standard deviation** for above chart is **$4,218,588,968** with revenue ranging from **$0 to $22,193,000,000** which shows variability in income across all the companies from different sub-sector within the Health Care sector. **GILD** under the **Bio-Technology sub-sector** has the most revenue of around **$22,193,000,000** whereas PFE from Pharmaceutical sub-sector has the second highest revenue generation of about **$12,976,000,000**. The **mean** revenue generation of the companies is around **$3,004,889,574.**

Thank You