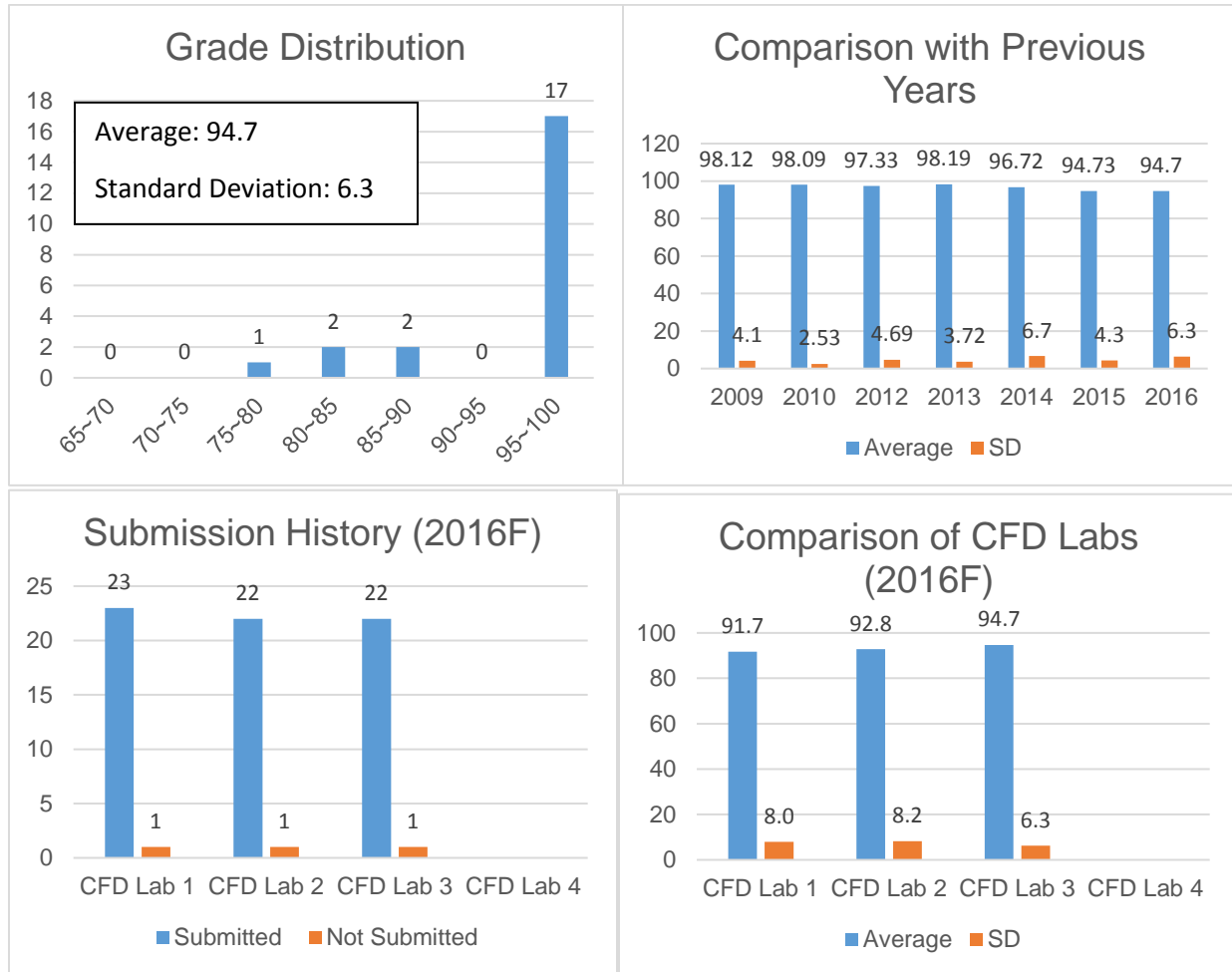


Report of CFD Lab 3

	Number of Students
Total	23
Submitted	22
Not Submitted	1



Common Mistakes

1. Some students used non-dimensional values for force
2. Some students made the wrong conclusion about which model was better suited for simulating flow separation
3. Some students had incorrect viewing parameters for their velocity vector plots
4. Some students compared the CFD solution with the EFD data for the 4-degree case

Feedback

1. Positive
 - a. Manual was very concise
 - b. Students felt they understood the concepts of the lab
2. Negative
 - a. Students expressed interest in comparing CFD with EFD for the 4-degree case
 - b. Students would like to know why certain plots are exported
 - c. Students would like to simulate more angles to see other effects
 - d. Some felt the exercises were a little vague

Suggestions

1. More detail about settings for plots
2. Lab manual could be more detailed about how to plot axial velocity
3. Give higher resolution of obtained plots for comparison
4. More clearly explain how to define functions