

TRI-TOWNSHIP FIRE DEPARTMENT

Annual Report for 2010

Introduction

- Annual Statistics and year in review
- By: Max Kulpinski – Fire Chief

Topics of Discussion

- Alarm Locations
- Call Volume
- Continuing Education and Training
- Alarms by days and times
- Individual Member Participation
- Types of Alarms

Fire Trainings

- Jan: Vehicle Extrication
- Feb: Hazardous Materials Refresher
- Mar: Consumers Energy – Gas Pipelines
- Apr: SCBA Obstacle Course
- May: Department Operations & Duties
- June: Portable Equipment & Hand Tools

Fire Trainings

- Jul: Fire Pump Operations & Principals
- Aug: Fires in Hybrid Vehicles
- Sep: American Electric Power – High Voltage Emergencies and Rescue
- Oct: Critical Incident Stress Debriefing
- Nov: Vehicle Extrication
- Dec: Review & Critique of Shop 66 Fire

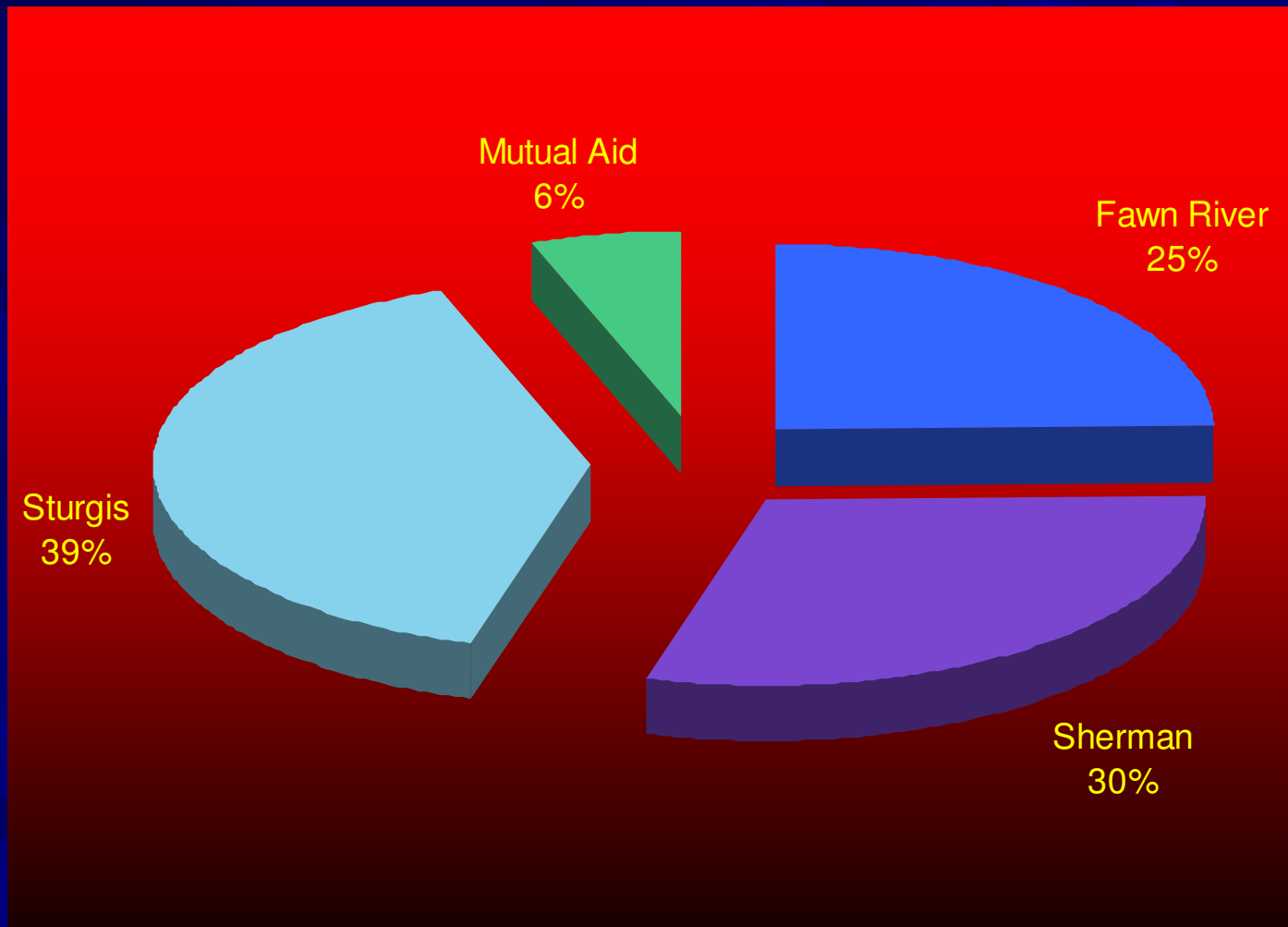
Medical Continuing Ed 2010

- 09/21 Anatomy & Physiology – 2 hrs
- 09/29 Anatomy & Physiology – 2 hrs
- 10/27 Anatomy & Physiology – 2 hrs
- 11/10 Spinal Immobilization with Special Considerations for Pediatrics – 2 hrs

Medical Continuing Ed 2011

- 02/22 Airway Basic & Respiratory Emergencies 2 hrs
- 03/12 Minimum required MFR Practical Credits open to other agencies 5 hrs
- 02/22 Emergency Driving for both Fire and EMS Personnel 2 hrs

Alarm Locations



Fawn River Township

- Total of 66 Alarms
- \$42,000 Estimated Property Loss
- \$25,000 Estimated Contents Loss
- The Average Dispatch to En route Time is:
2.48 Minutes
- The Average Dispatch to Arrival Time is:
8.26 Minutes

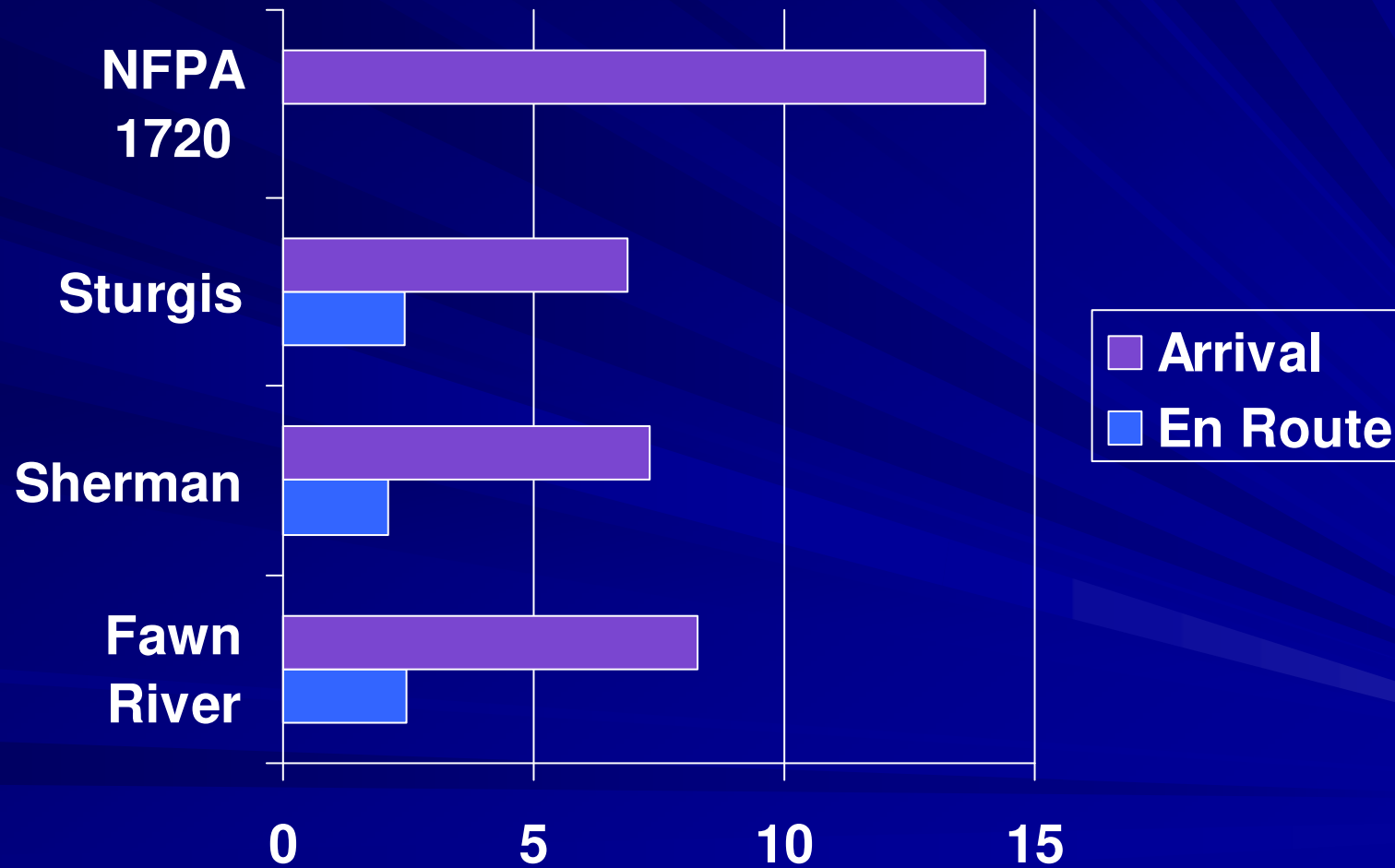
Sherman Township

- Total of 80 Alarms
- \$431,000 Estimated Property Loss
- \$713,000 Estimated Contents Loss
- The Average Dispatch to En route Time is:
2.10 Minutes
- The Average Dispatch to Arrival Time is:
7.31 Minutes

Sturgis Township

- Total of 107 Alarms
- \$193,100 Estimated Property Loss
- \$59,250 Estimated Contents Loss
- The Average Dispatch to En route Time is:
2.43 Minutes
- The Average Dispatch to Arrival Time is:
6.87 Minutes

Response Time Comparison



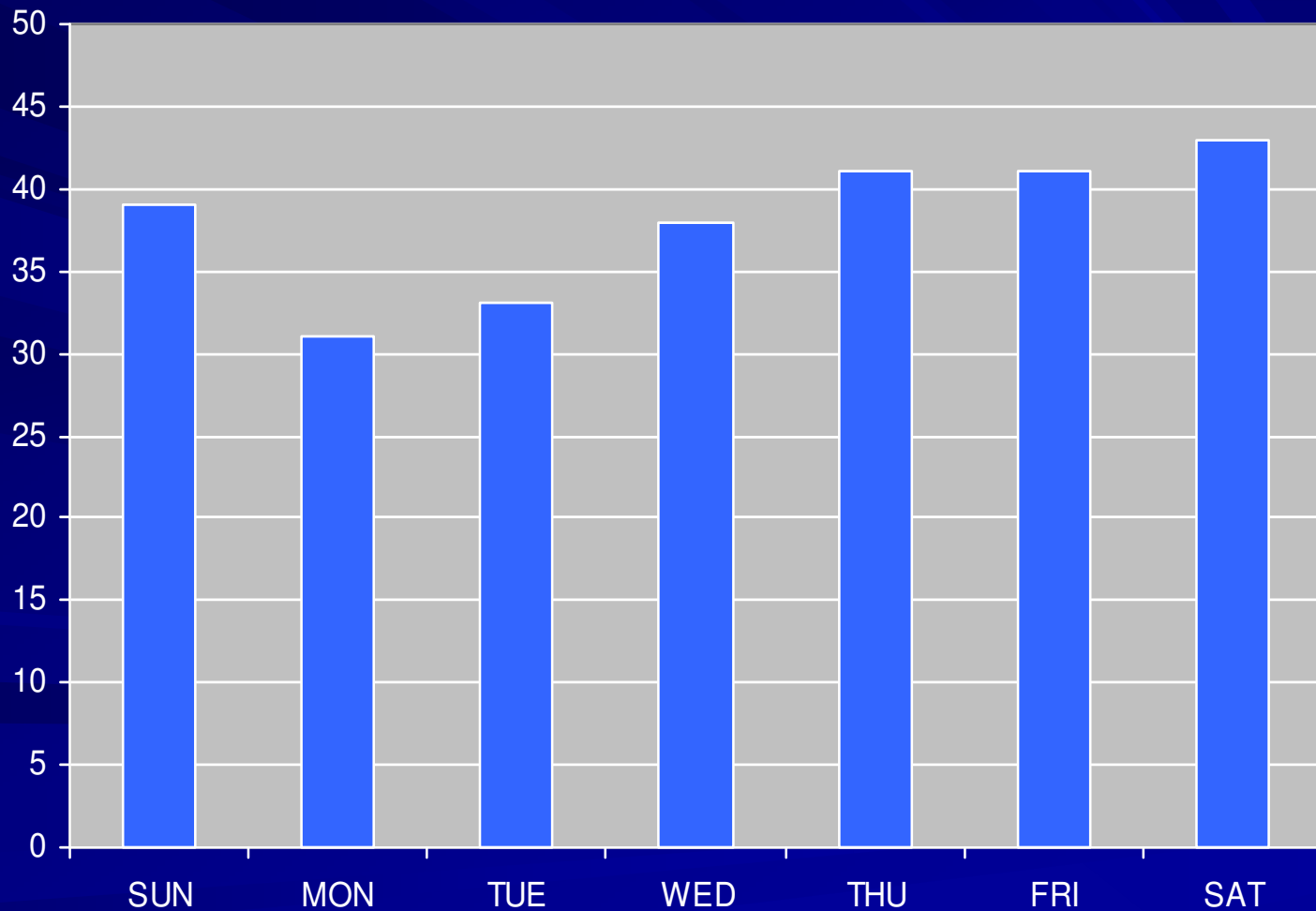
Staffing at Incidents

- NFPA 1720 states that a rural volunteer department shall have a minimum of 6 personnel on the scene of a structure fire within 14 minutes, 80% of the time. (Excludes greater than 8 mile responses.)
- Least staffing during 2010 was 7 personnel.
- Greatest response time within 8 miles: 10 min
- Greatest response time during 2010: 17 min to 71499 Halsey Square Rd. (9.5 miles)

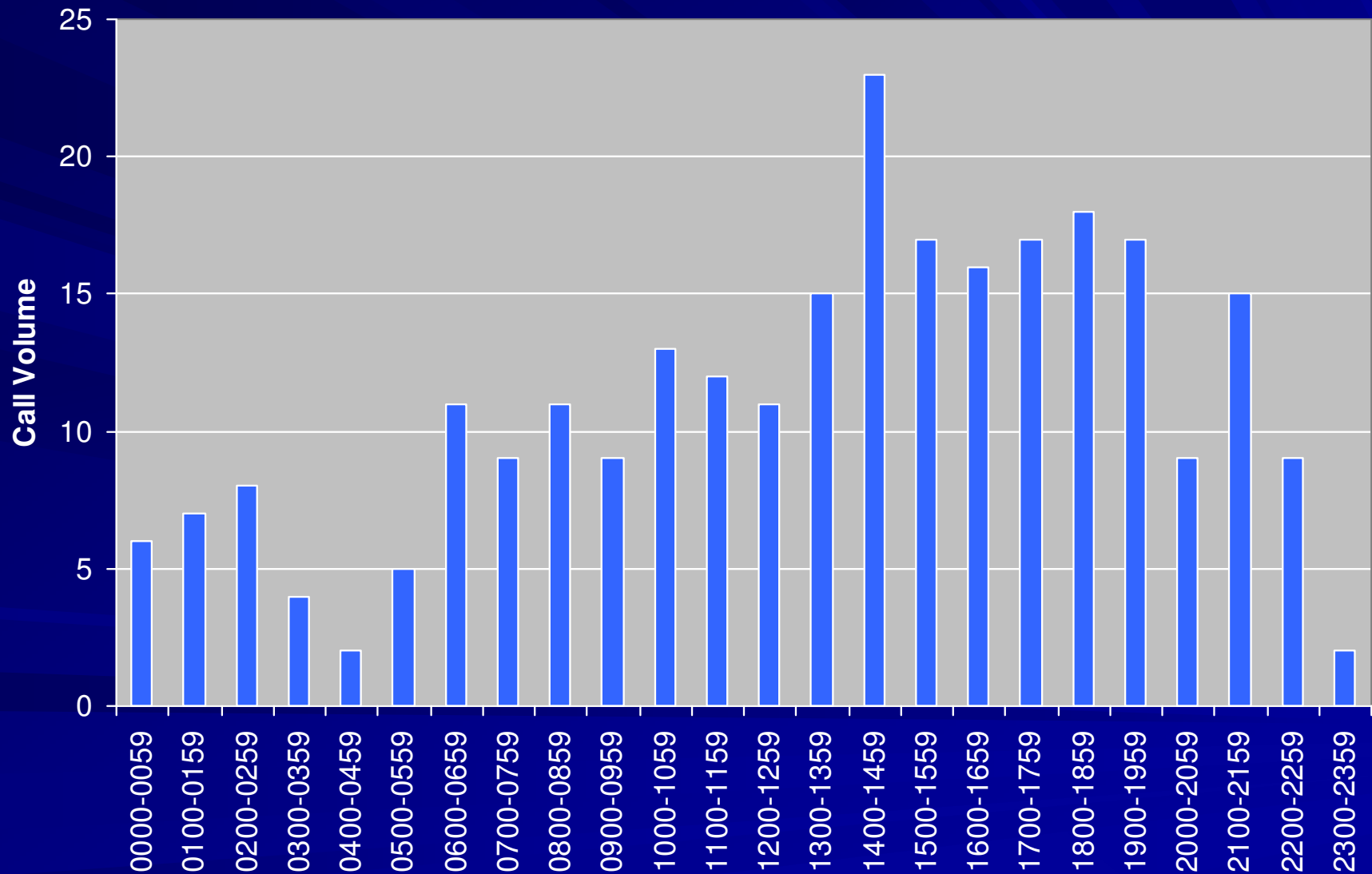
Alarms by Days & Times

- Establishes factual statistics
- Helps predict when alarms are more likely than others.
- Helps in planning for peak demands.

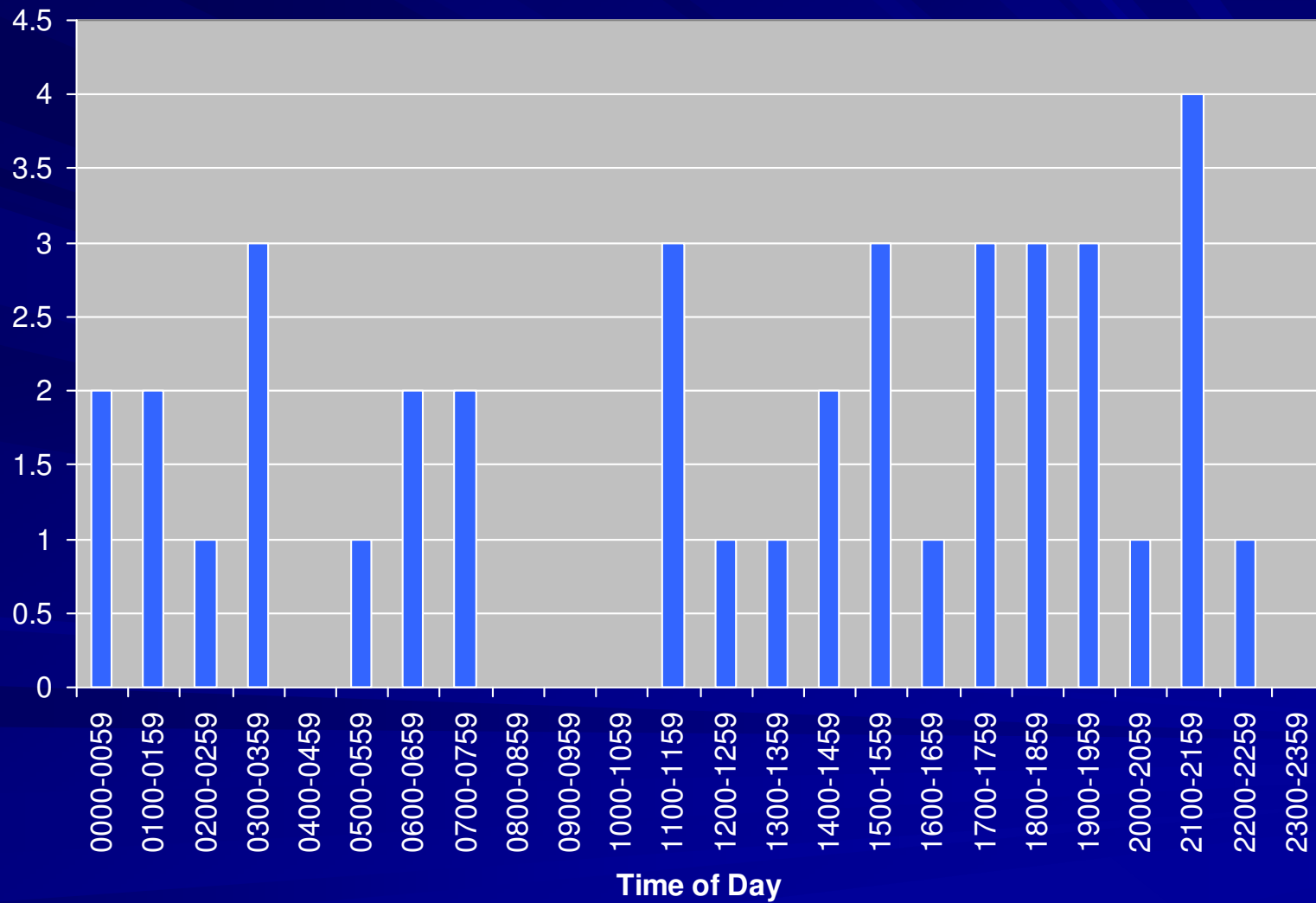
Runs by Day of Week



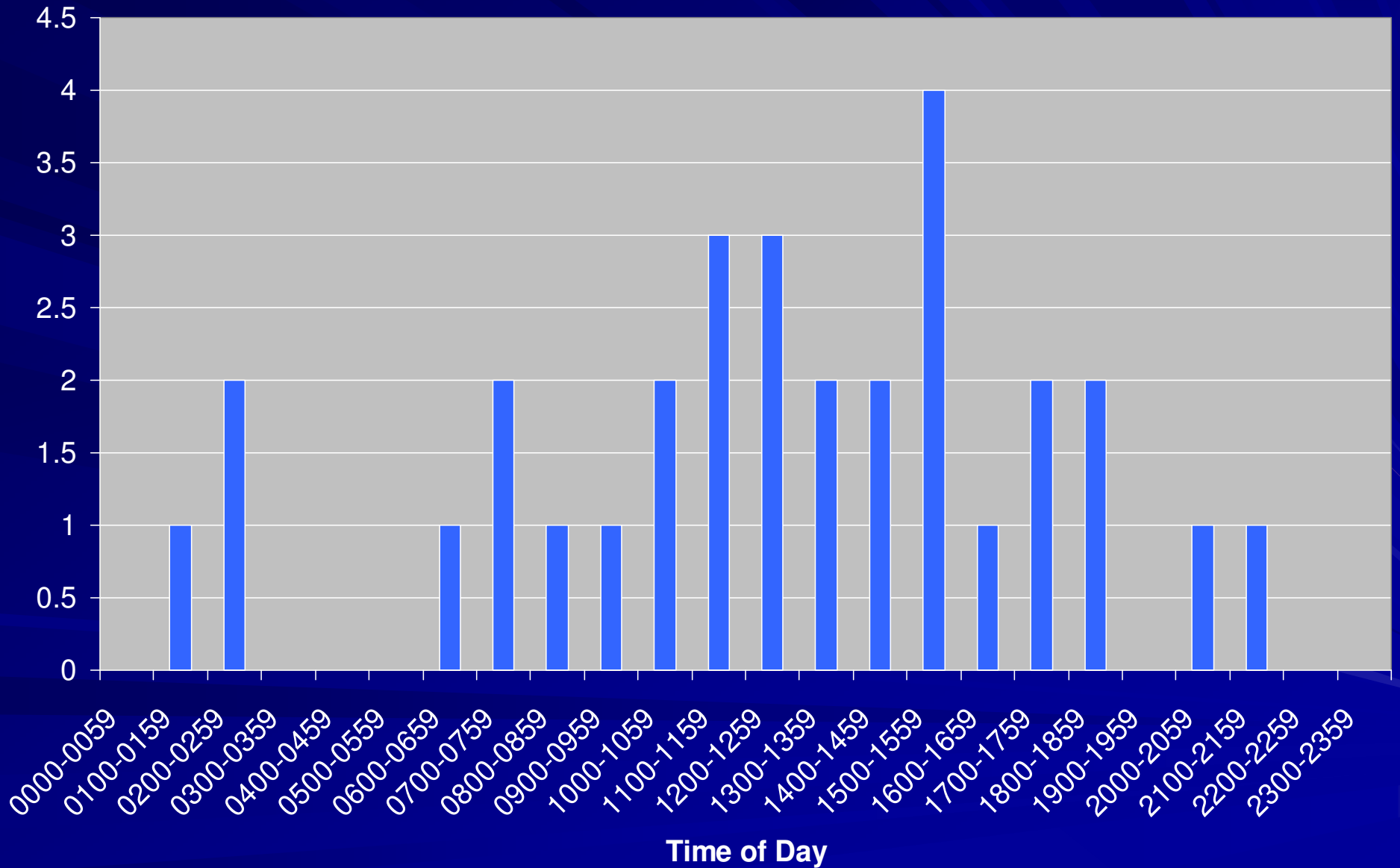
Time based on all days



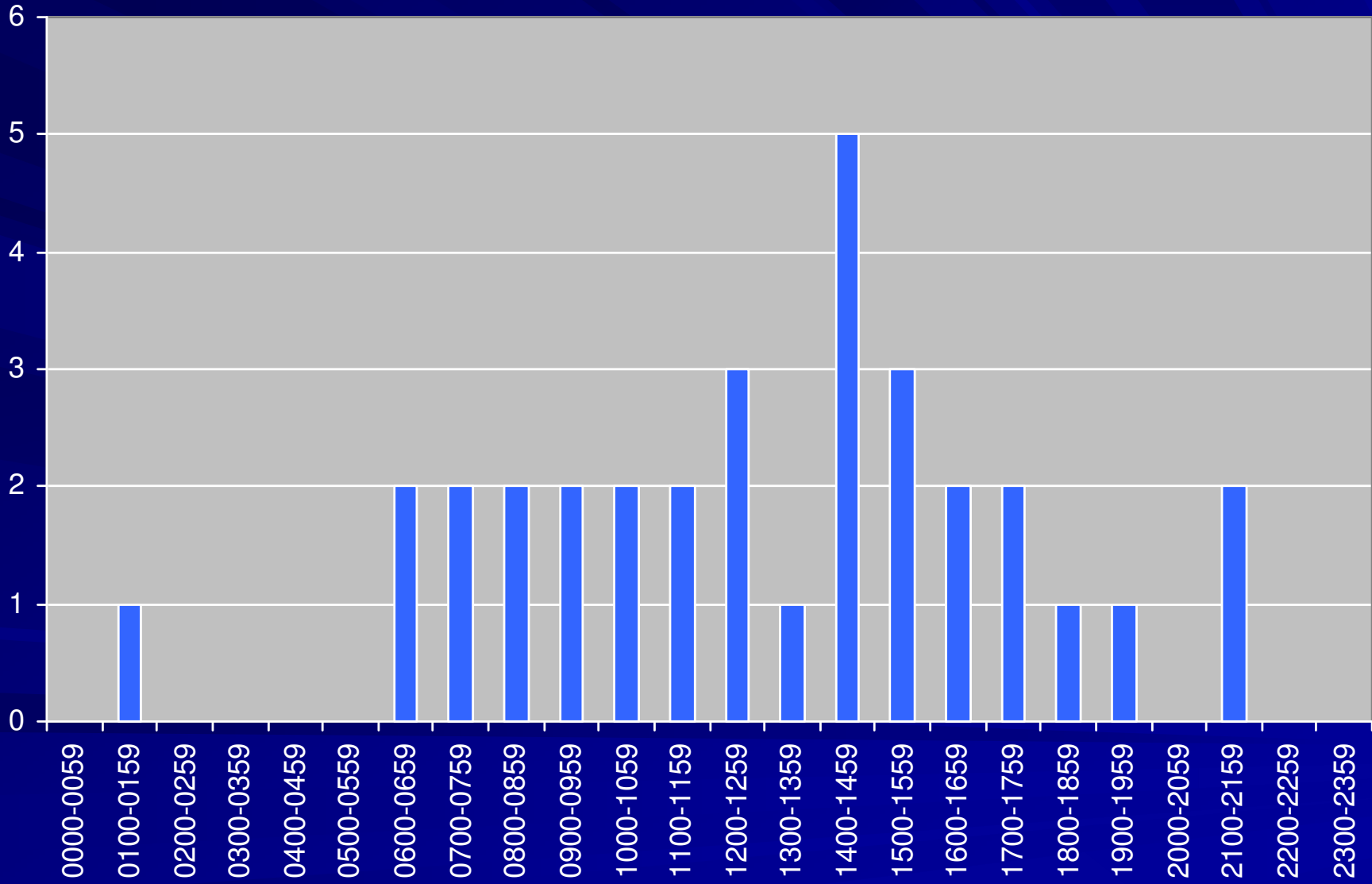
Sunday



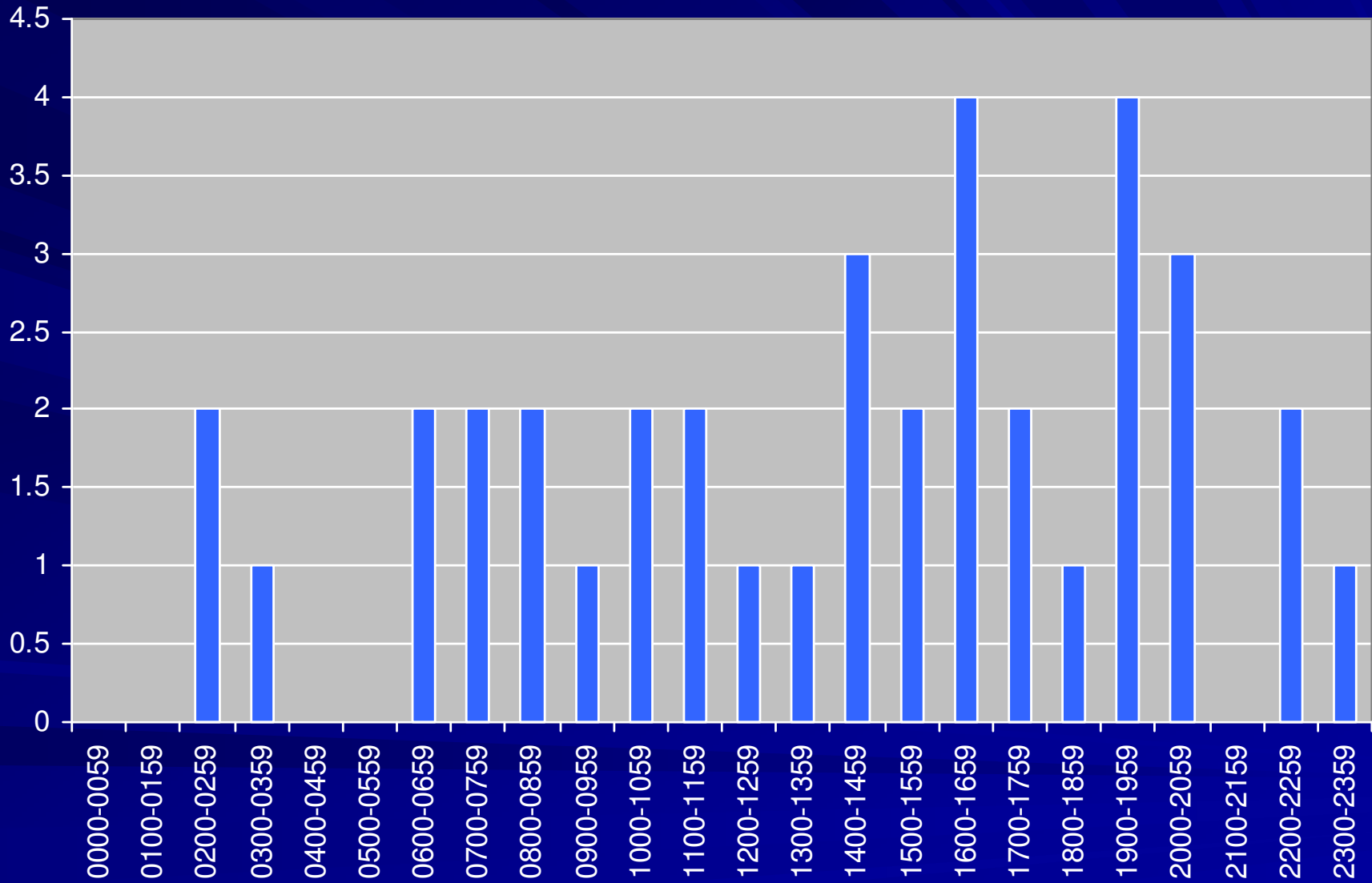
Monday



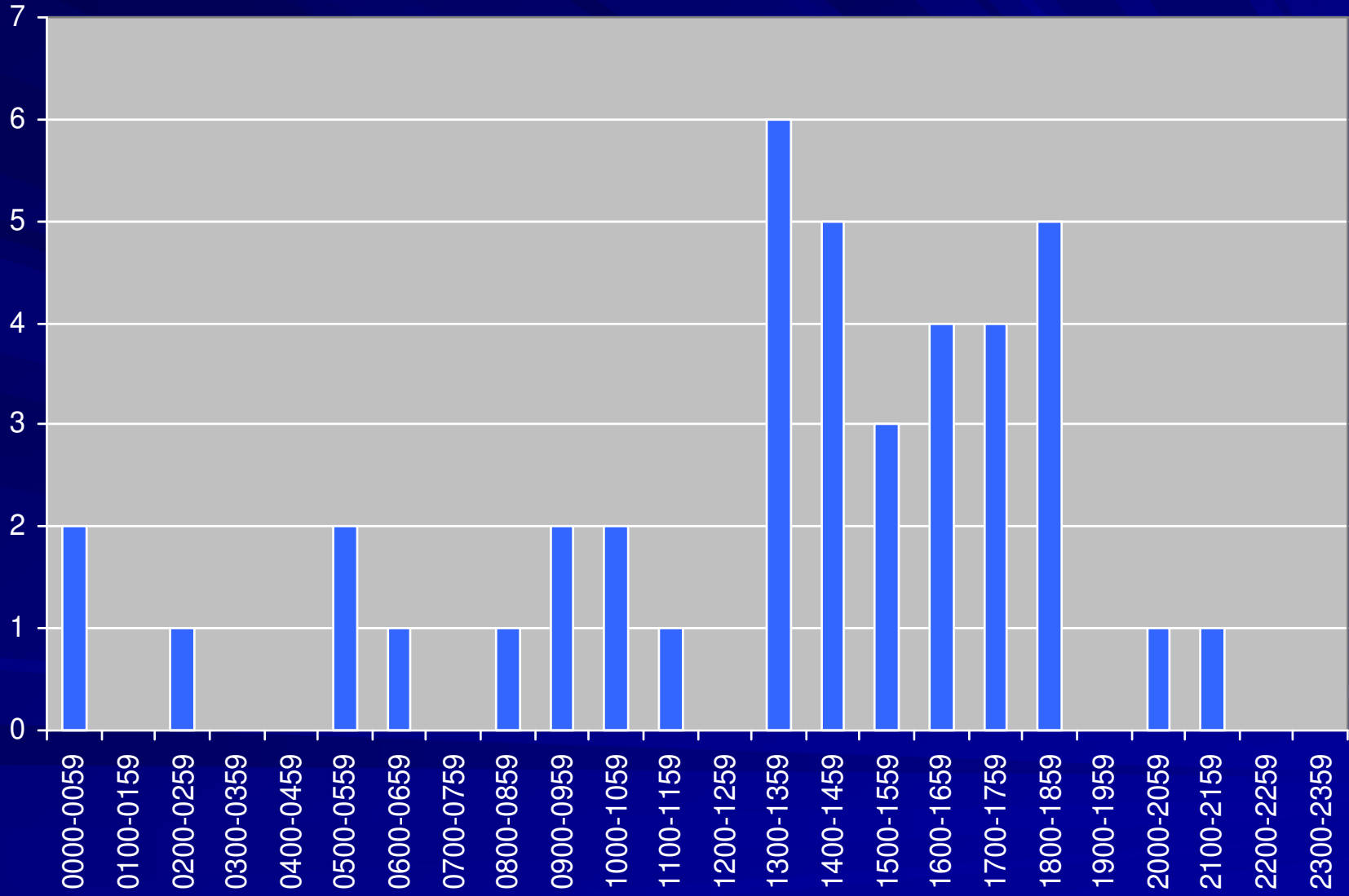
Tuesday



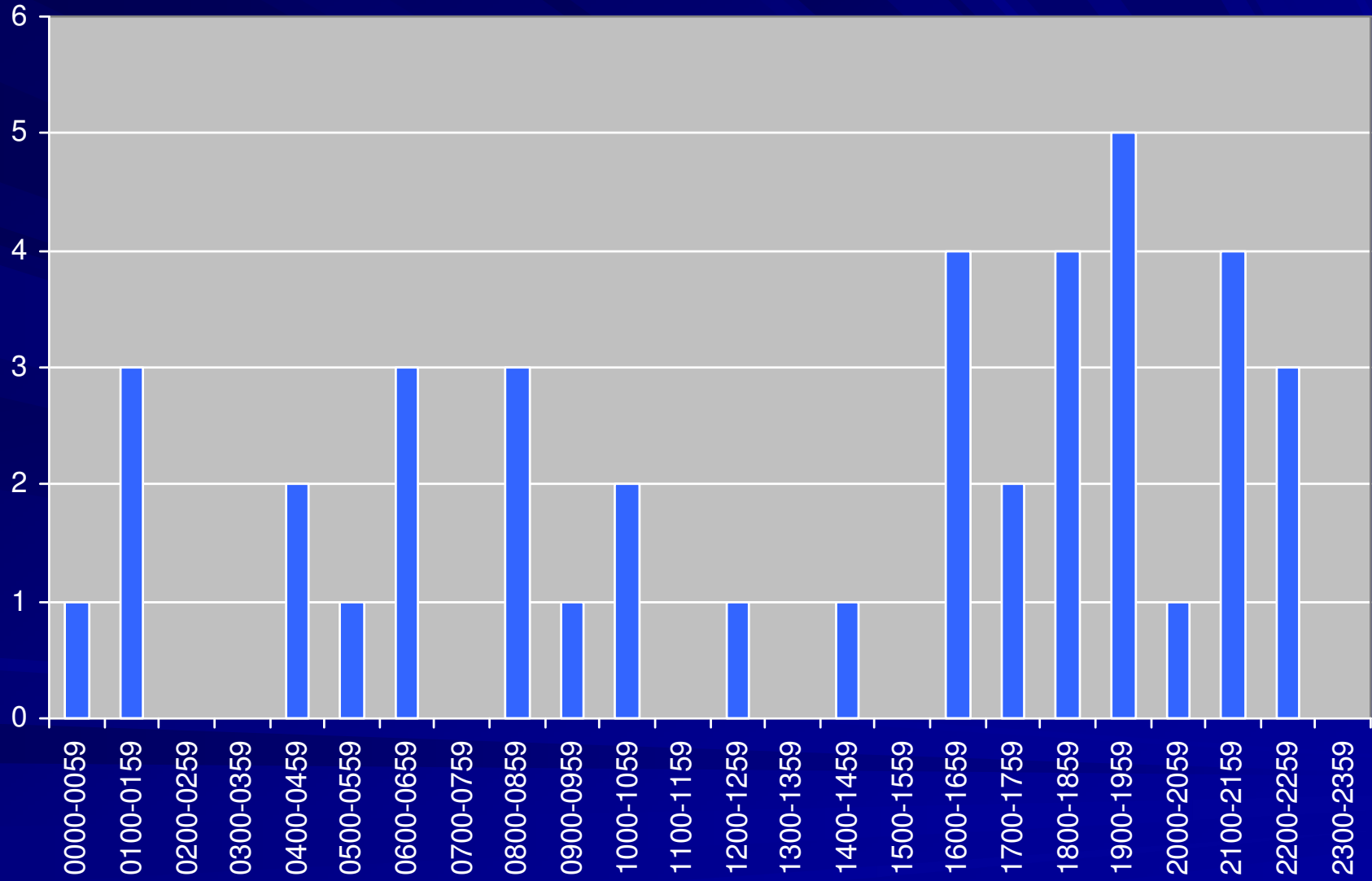
Wednesday



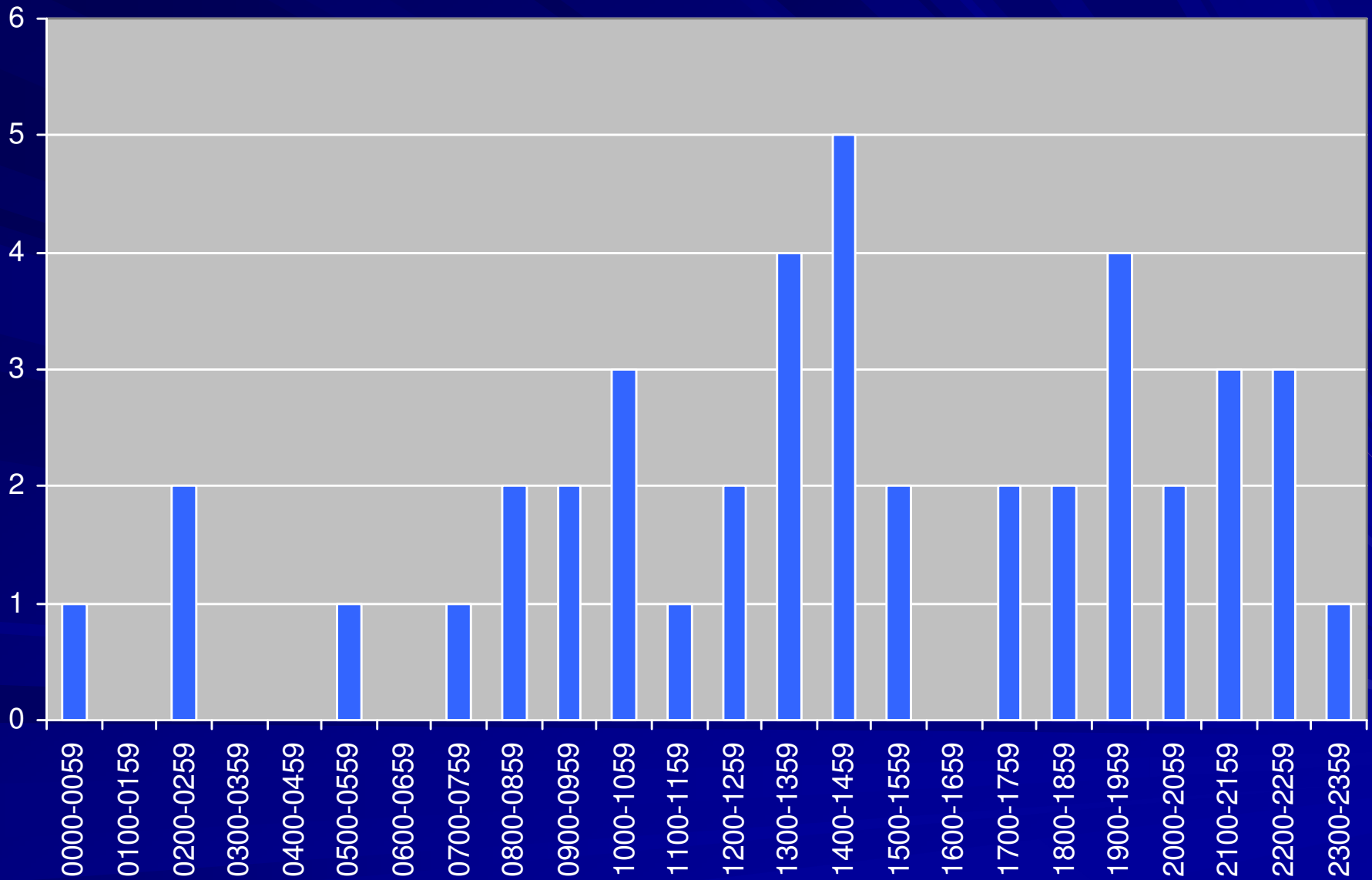
Thursday



Friday



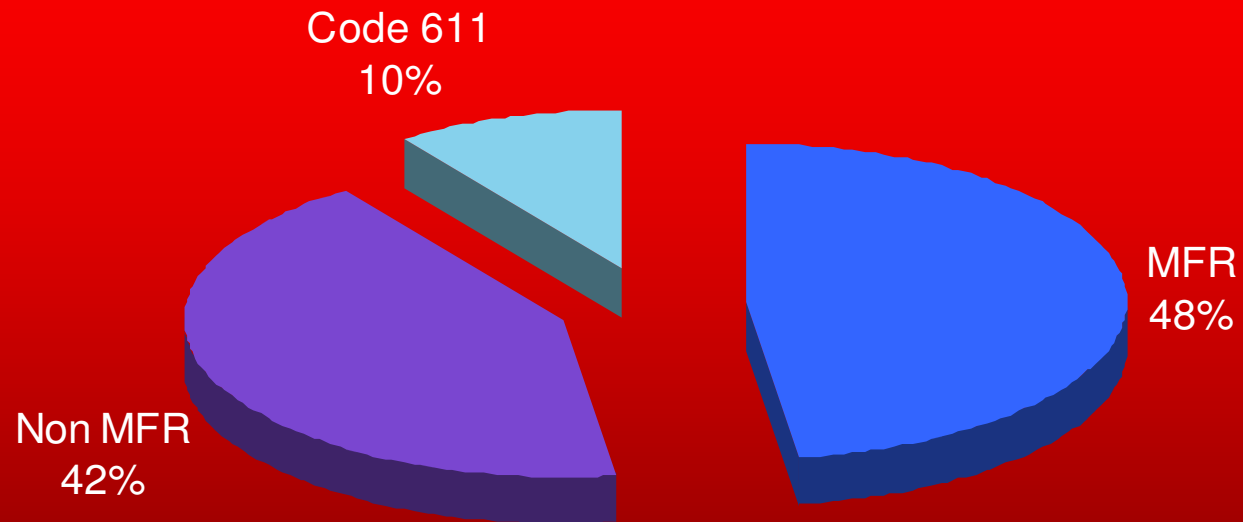
Saturday



Data used for calculations

- There were 266* incidents in 2010
*Including “Cancelled En Route”
- 127 Incidents were considered as Medical First Response
- 113 Incidents were considered as Non-Medical First Response
- 26 Incidents were Coded 611 “Cancelled En Route” and not used for Individual Member’s percentage

Nature of Alarm



Fire Related Incidents

- Total fire related incidents: 49
- Average Dispatch to En Route time was 2.31 minutes
- Average Dispatch to Arrival time was 9.84 minutes
- Total fire loss was \$1,460,750
- There was 1 fire related fatality
- 108.5 Hours logged on scenes

Fire Incident Breakdown

- Building Fires: 11 (includes mobile home)
- Chimney Fires: 3
- Vehicle Fires: 10 (includes truck & RV)
- Brush or Grass Fires: 10
- Other type fires: 15

EMS Related Incidents

- Total EMS related Incidents: 127
- Average Dispatch to En Route time was 2.64 minutes
- Average Dispatch to Arrival time was 7.90 minutes
- 72 hours logged on scenes

Motor Vehicle Crashes

- Vehicle Crash with Injury: 21
- Vehicle Crash no Injury: 9
- Extrication Required: 5
- Average Dispatch to En Route time was 2.62 minutes
- Average Dispatch to Arrival time was 7.67 minutes
- 37.25 hours logged on scenes

Current Membership

- Department currently has 20 members
- 17 Certified Firefighters
- 3 Probationary Firefighters
- 15 EMS Personnel

Member Responses

- Over 853 man hours were logged at scenes by Tri-Township personnel.
- Total Responses by Member
- Response by Nature of Call
- Percentage of Total Calls based upon Training & Certifications

Injuries and Losses

- No reportable Firefighter Injuries
- No major equipment damage or loss