Math for Evaluators, Continued

**1. Table 2.6 – 5 Comparison of Summer School 2015 and Summer School 2016**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Summer School 2015** | | **Summer School 2016** | | **Change** |
| **Enrollment and Attendance** |  | |  | |  |
| Enrolled mandated students, grades 3 – 8 | **60, 392** | | **71, 892** | | **%** |
| Attending mandated students grades 3 – 8 | **54, 534** | | **64,035** | | **%** |
|  | **%** | | **%** | |  |
| **Achievement for Mandated Students** |  | |  | |  |
| Students scoring at 2 or above in reading | **10,710** | **%** | **16,301** | **%** |  |
| Students scoring at 2 or above in math | **12,587** | **%** | **16,601** | **%** |  |
| **Average Daily Attendance** |  | |  | |  |
| Summer School ADA | **74.9%** | | **79.7%** | |  |

**1a. Calculate the % attending and calculate the changes from 2015 – 2016.**

**1b. Write a summary statement comparing enrollment and/or attendance for summer 2015 to summer 2016.**

**1c. Calculate the % meeting the achievement goal (i.e, scoring 2 or above in Reading and Math) – fill in the table.**

**3d. Calculate the difference in average daily attendance (ADA) between the two summers and fill in the chart.**

**3e. List all the comparisons you could make using these summer school data.**

**3f. Is there anything that would be well-represented by a graph?TABLES and GRAPHS ACITIVITY**

**1. Data Set A:**

Family Workers: KNOWLEDGE – 59% excellent, 33% good, 7% fair, 1% poor,

Supervisors: KNOWLEDGE – 10% poor, 25% fair, 35% good, 30% excellent

Family Workers: ACCESSIBILITY – 45% excellent, 46% good, 8% fair, 1% poor,

Supervisors: ACCESSIBILITY – 7% poor, 22% fair, 48% good, 23% excellent

Family Workers: EFFECTIVENESS – 55% excellent, 39% good, 5% fair, 1% poor,

Supervisors: EFFECTIVENESS – 2% poor, 10% fair, 38% good, 50% excellent

Family Workers: OVERALL – 49% excellent, 41% good, 7% fair, 3% poor,

Supervisors: OVERALL – 6% poor, 17% fair, 41% good, 36% excellent

1a. On the reverse, construct a table that could display findings from DATA SET A

1b. What type(s) of graph(s) would work well here? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Data Set B:**

Gender – 225 females, 178 males

Race -- 44% African American, .6% Asian, 30.6% Latino, 17.6% White, 4% other, 3.1% Multi-racial

Age – Between 20 and 30 45%;

between 31 – 45 28%;

between 45 and 50 10%;

between 50 and 55 4%;

between 56 and 65 3%,

between 66 and 100 10%.

2a. Use the reverse to display information in Data Set B.

2b. What type(s) of graph(s) would work well here? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3. Data Set C:**

I really learned a lot through the workshop 72% (2004) 91% (2009)

The trainers were excellent 62% (2004) 95% (2009)

I would definitely recommend this to a colleague 73% (2004), 99% (2009)

Overall Rating was Excellent 71% (2004) 94% (2009)

3a. Use the reverse to display information in Data Set C.

3b. What type(s) of graph(s) would work well here? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_