**Annual Performance Report of After School Programs**

**Purpose**

This sample data is used to analyze the impact of after school programs as funded by public monies. It is required to report this information to the appropriate government agencies.

**Skills** – Select, case, alias, joins, aggregation, nested select join

**Number of students participated in each hour range by grade.**

Select

Grade,

SUM(CASE WHEN TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(ID) AS Total

From AnnualPerformanceReport..StudentHours

Group by Grade

Order by Grade ASC

**A picture containing chart

Description automatically generated**

**Number of students in each hour range by school site.**

Select

School,

SUM(CASE WHEN TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(ID) AS Total

From AnnualPerformanceReport..StudentHours

Group by School

Order by School ASC

**Graphical user interface

Description automatically generated with medium confidence**

**GPA data for students in grades 7-8 – Number of students in grades 7-8**

Select

Grade,

SUM(CASE WHEN TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

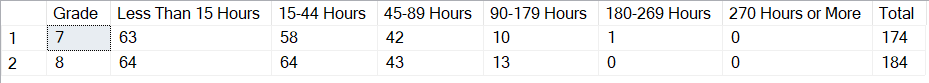
COUNT(ID) AS Total

From AnnualPerformanceReport..StudentHours

Where Grade IN ('7','8')

Group by Grade

Order by Grade ASC

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**GPA data for students in grades 7-8 – Number of 7th & 8th graders who had a prior-year GPA of less than a 3.0**

Select

Hrs.Grade,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..GPA as GPA

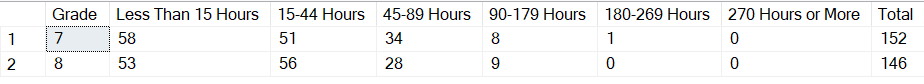
On Hrs.ID=GPA.ID

Where GPA.finalGPA2021 < 3.0

and Hrs.Grade IN ('7','8')

Group by Hrs.Grade

Order by Hrs.Grade

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**GPA data for students in grades 7-8 – Of the students above, how many demonstrated an improved GPA**

Select

Hrs.Grade,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..GPA as GPA

On Hrs.ID=GPA.ID

Inner Join (Select ID, (finalGPA2022 - finalGPA2021) as [GPA Difference]

From AnnualPerformanceReport..GPA) as GPADif

On GPA.ID=GPADif.ID

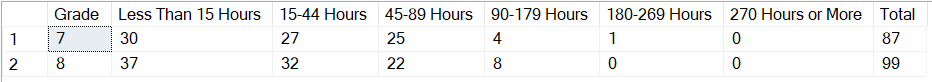
Where GPA.finalGPA2021 < 3.0

and Hrs.Grade IN ('7','8')

and GPADif.[GPA Difference] > 0

Group by Hrs.Grade

Order by Hrs.Grade

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**In-school suspension data – Number of students in grades 1-8**

Select

Grade,

COUNT(ID) as [Number of Students]

From AnnualPerformanceReport..StudentHours

Where Grade not in ('KG')

Group by Grade

Order by Grade ASC

**Chart

Description automatically generated with medium confidence**

**In-school suspension data – Number of students with in-school suspensions during the previous school year**

Select

Hrs.Grade,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

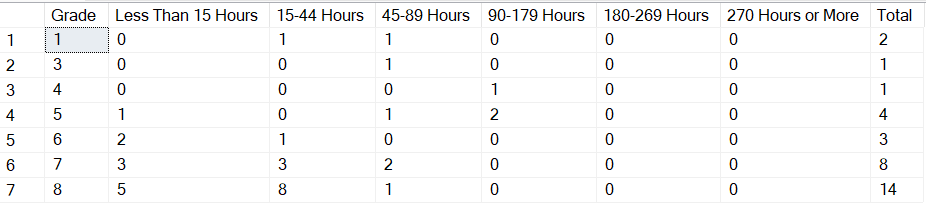
Inner Join AnnualPerformanceReport..Suspensions as Sus

On Hrs.ID=Sus.ID

Where Sus.InSchoolSuspensions2021 > 0

and Hrs.Grade not in ('KG')

Group by Hrs.Grade

****

**In-school suspension data – Number of previous students with a decrease in in-school suspensions**

Select Hrs.Grade,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..Suspensions as Sus

On Hrs.ID=Sus.ID

Inner Join (Select ID, (InSchoolSuspensions2022 - InSchoolSuspensions2021) as [Suspension Difference]

From AnnualPerformanceReport..Suspensions) as SusDif

On Sus.ID=SusDif.ID

Where Sus.InSchoolSuspensions2021 > 0

and Hrs.Grade not in ('KG')

and SusDif.[Suspension Difference] < 0

Group by Hrs.Grade

**A picture containing graphical user interface

Description automatically generated**

**Teacher survey – Number of students in grades 1-5**

Select

Grade,

COUNT(ID) as [Number of Students]

From AnnualPerformanceReport..StudentHours

Where Grade in ('1','2','3','4','5')

Group by Grade

Order by Grade ASC

**Table

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**Teacher Survey – Class Participation Responses**

Select

--Survey.School,

Survey.ClassParticipation,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..Survey as Survey

On Hrs.ID= Survey.ID

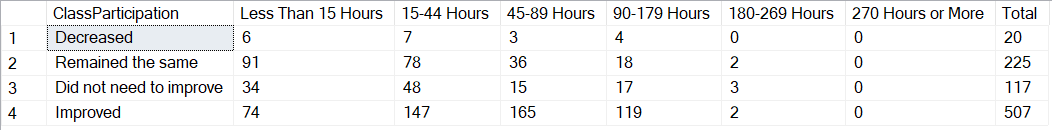
Where Hrs.Grade in ('1','2','3','4','5')

and Survey.ClassParticipation in ('Decreased', 'Remained the same', 'Did not need to improve', 'Improved')

Group by

--Survey.School,

Survey.ClassParticipation

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**Teacher Survey – Peer Relationships Responses**

Select

--Survey.School,

Survey.PeerRelationships,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..Survey as Survey

On Hrs.ID= Survey.ID

Where Hrs.Grade in ('1','2','3','4','5') and

Survey.PeerRelationships in ('Decreased', 'Remained the same', 'Did not need to improve', 'Improved')

Group by

--Survey.School,

Survey.PeerRelationships

**Graphical user interface, application

Description automatically generated**

**Teacher Survey – Class Behavior Responses**

Select

--Survey.School,

Survey.ClassroomBehavior,

SUM(CASE WHEN Hrs.TotalHours < 15 THEN 1 ELSE 0 END) AS [Less Than 15 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 15 AND 44 THEN 1 ELSE 0 END) as [15-44 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 45 AND 89 THEN 1 ELSE 0 END) as [45-89 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 90 AND 179 THEN 1 ELSE 0 END) as [90-179 Hours],

SUM(CASE WHEN Hrs.TotalHours BETWEEN 180 AND 269 THEN 1 ELSE 0 END) as [180-269 Hours],

SUM(CASE WHEN Hrs.TotalHours > 269 THEN 1 ELSE 0 END) as [270 Hours or More],

COUNT(Hrs.ID) AS Total

From AnnualPerformanceReport..StudentHours as Hrs

Inner Join AnnualPerformanceReport..Survey as Survey

On Hrs.ID= Survey.ID

Where Hrs.Grade in ('1','2','3','4','5') and

Survey.ClassroomBehavior in ('Decreased', 'Remained the same', 'Did not need to improve', 'Improved')

Group by

--Survey.School,

Survey.ClassroomBehavior

**Graphical user interface, application

Description automatically generated**