**MESA Education Years Data Set Variable Guide**

*Exam 1 through 7, plus Mind Visit A*

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| --- | --- |
| **Data Set name :** | MESA\_EducationYrs\_20250519 |
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| **Variable** | **Variable Description** | **Value Labels** |
| --- | --- | --- |
| idno | MESA participant ID |  |
| Total\_Educ\_Yrs | Total years of education |  |
| Total\_Educ\_Yrs\_Src | Source of total years of education |  |
| ref\_educ | Category of highest level of education completed | 1: No schooling2: Grades 1-83: Grades 9-114: Completed high school (12th grade) or GED5: Some college but no degree6: Technical school certificate7: Associate degree (AA/AS)8: Bachelors degree (BA, AB, BS)9: Graduate degree10: Some graduate school but no degree |

**Compute [Total\_Educ\_Yrs] Total years of education**

Data Sources

* Exam 7 Personal History
* Mind Visit A Medical History
* Exam 1 Personal History

COMPUTE Total\_Educ\_Yrs = CASE

 WHEN b.phx\_education7 = 9 AND b.phx\_edu9\_\_\_md7 = 1

THEN 20 -- Graduate degree: MD

 WHEN b.phx\_education7 = 9 AND b.phx\_edu9\_\_\_dds7 = 1

THEN 20 -- Graduate degree: DDS

 WHEN b.phx\_education7 = 9 AND b.phx\_edu9\_\_\_phd7 = 1

THEN 20 -- Graduate degree: PhD

 WHEN b.phx\_education7 = 9 AND b.phx\_edu9\_\_\_jd7 = 1

THEN 20 -- Graduate degree: JD

 WHEN b.phx\_education7 = 9 AND b.phx\_edu9\_\_\_masters7 = 1

THEN 18 -- Graduate degree: Masters

 WHEN b.phx\_education7 = 1

THEN 0 -- No schooling

 WHEN b.phx\_education7 = 2 AND (c.eduyrs>0 AND c.eduyrs<=8)

THEN c.eduyrs -- Grades 1-8

 WHEN b.phx\_education7 = 2

THEN 8 -- Grades 1-8

 WHEN b.phx\_education7 = 3 AND (c.eduyrs>=9 AND c.eduyrs<=11)

THEN c.eduyrs -- Grades 9-11

 WHEN b.phx\_education7 = 3

THEN 11 -- Grades 9-11

 WHEN b.phx\_education7 = 4

THEN 12 -- Completed high school (12th grade) or GED

 WHEN b.phx\_education7 = 5 AND CAST(b.phx\_collyrs7 AS INT) > 3

THEN 15 --(max credit of 3 years) -- Some college but no degree

 WHEN b.phx\_education7 = 5 AND CAST(b.phx\_collyrs7 AS INT) >= 1

AND CAST(b.phx\_collyrs7 AS INT) <= 3

THEN 12 + b.phx\_collyrs7 -- (min: 13, max: 15) -- Some college but no degree

 WHEN b.phx\_education7 = 5 AND CAST(b.phx\_collyrs7 AS INT) IS NULL

THEN 13 -- Some college but no degree (min credit of 1 year)

 WHEN b.phx\_education7 = 5 AND CAST(b.phx\_collyrs7 AS INT) IN (0,-9)

THEN 13 -- Some college but no degree (min credit of 1 year)

 WHEN b.phx\_education7 = 6

THEN 13 -- Technical school certificate

 WHEN b.phx\_education7 = 7

THEN 14 -- Associate degree (AA/AS)

 WHEN b.phx\_education7 = 8

THEN 16 -- Bachelor's degree

**Compute [Total\_Educ\_Yrs] Total years of education (continued)**

 WHEN b.phx\_education7 = 9

THEN 18 -- Graduate degree

 WHEN b.phx\_education7 = 10 AND CAST(b.phx\_gradyrs7 AS INT) > 3

THEN 19 --(max credit of 3 years) -- Some graduate school but no degree

 WHEN b.phx\_education7 = 10 AND CAST(b.phx\_gradyrs7 AS INT) >= 1

AND CAST(b.phx\_gradyrs7 AS INT) <= 3

THEN 16 + b.phx\_gradyrs7 -- (min: 17, max: 19) -- Some graduate school but no degree

 WHEN b.phx\_education7 = 10 AND CAST(b.phx\_gradyrs7 AS INT) IS NULL

THEN 17 -- Some graduate school but no degree

 WHEN c.education = 9 AND c.md = 1

THEN 20 -- Graduate degree: MD

 WHEN c.education = 9 AND c.dds = 1

THEN 20 -- Graduate degree: DDS

 WHEN c.education = 9 AND c.phd = 1

THEN 20 -- Graduate degree: PhD

 WHEN c.education = 9 AND c.jd = 1

THEN 20 -- Graduate degree: JD

 WHEN c.education = 9 AND c.masters = 1

THEN 18 -- Graduate degree: Masters

 WHEN c.education = 1

THEN 0 -- No schooling

WHEN c.education = 2 AND (c.eduyrs>0 AND c.eduyrs<=8)

THEN c.eduyrs -- Grades 1-8

 WHEN c.education = 2

THEN 8 -- Grades 1-8

 WHEN c.education = 3 AND (c.eduyrs>=9 AND c.eduyrs<=11)

THEN c.eduyrs -- Grades 9-11

 WHEN c.education = 3

THEN 11 -- Grades 9-11

 WHEN c.education = 4

THEN 12 -- Completed high school (12th grade) or GED

 WHEN c.education = 5 AND CAST(c.collyrs AS INT) > 3

THEN 15 --(max credit of 3 years) - Some college but no degree

 WHEN c.education = 5 AND CAST(c.collyrs AS INT) >= 1 AND CAST(c.collyrs AS INT) <= 3

THEN 12 + c.collyrs -- (min: 13, max: 15) -- Some college but no degree

 WHEN c.education = 5 AND CAST(c.collyrs AS INT) IS NULL

THEN 13 -- Some college but no degree (min credit of 1 year)

WHEN c.education = 5 AND CAST(c.collyrs AS INT) IN (0,-9)

THEN 13 -- Some college but no degree (min credit of 1 year)

 WHEN c.education = 6

THEN 13 -- Technical school certificate

**Compute [Total\_Educ\_Yrs] Total years of education (continued)**

WHEN c.education = 7

THEN 14 -- Associate degree (AA/AS)

 WHEN c.education = 8

THEN 16 -- Bachelor's degree

 WHEN c.education = 9

THEN 18 -- Graduate degree

 WHEN c.education = 10 AND CAST(c.gradyrs AS INT) >= 1 AND CAST(c.gradyrs AS INT) <= 3

THEN 16 + c.gradyrs -- (min: 17, max: 19) -- Some graduate school but no degree

 WHEN c.education = 10 AND (CAST(c.gradyrs AS INT) < 1 OR CAST(c.gradyrs AS INT) > 3)

THEN 18 -- Some graduate school but no degree

 WHEN d.educ1 = 0

THEN 0 -- No schooling

 WHEN d.educ1 = 1 AND (c.eduyrs>0 AND c.eduyrs<=8)

THEN c.eduyrs -- Grades 1-8

 WHEN d.educ1 = 1 AND c.eduyrs IS NULL

THEN 8 -- Grades 1-8

 WHEN d.educ1 = 2 AND (c.eduyrs>=9 AND c.eduyrs<=11)

THEN c.eduyrs -- Grades 9-11

 WHEN d.educ1 = 2 AND c.eduyrs IS NULL

THEN 11 -- Grades 9-11

 WHEN d.educ1 = 3

THEN 12 -- Completed high school (12th grade) or GED

 WHEN d.educ1 = 4

THEN 13 -- Some college but no degree

 WHEN d.educ1 = 5

THEN 13 -- Technical school certificate

 WHEN d.educ1 = 6

THEN 14 -- Associate degree (AA/AS)

 WHEN d.educ1 = 7

THEN 16 -- Bachelor's degree

 WHEN d.educ1 = 8

THEN 18 -- Graduate degree

 WHEN d.educ1 = 9

THEN 17 -- Some graduate school but no degree

 END

FROM [MESA Classic Cohort] a

LEFT OUTER JOIN [Exam 7 Personal History] b ON a.idno = b.idno

LEFT OUTER JOIN [Mind Visit A Medical History] c ON a.idno = c.idno

LEFT OUTER JOIN [Exam 1 Personal History] d ON a.idno = d.idno