

Medical Vision

| | |
|----------------------------------|----------------|
| SIS Table Name | Medical_vision |
| SIS table Code | MV |
| Data Collection LEA Level | School |
| Cycles | 7 |
| # of Data Items | 16 |
| Source | eSchool |

Source

These fields receive their values directly from eSchool table fields:

| Column ID | Element | Column Name | Cycles | Source Table | Source Column |
|-----------|--------------------|-------------|--------|-----------------------------|------------------|
| MV0030 | LEA | lea | 7 | eSch: REG_BUILDING | state_code_equiv |
| MV0040 | SSN | ssn | 7 | eSch: REG_PERSONAL | ssn |
| MV0041 | State Reporting ID | uniq_stu_id | 7 | eSch: REG_PERSONAL | state_report_id |
| MV0042 | Grade Level | grade_level | 7 | eSch: REG_GRADE | state_code_equiv |
| MV0060 | Screening Date | screen_date | 7 | eSch: MED_CUSTOM_EXAM_KEY | test_date |
| MV0062 | External Exam | ext_exam | 7 | eSch: V_SCARK113_MED_VISION | external_exam |
| MV0063 | Vision 20 | vision20 | 7 | eSch: V_SCARK113_MED_VISION | vision_20 |
| MV0066 | Colorblind | colorblind | 7 | eSch: V_SCARK113_MED_VISION | color |
| MV0073 | Fusion Far | fusion_far | 7 | eSch: V_SCARK113_MED_VISION | fusion_far |
| MV0075 | Fusion Near | fusion | 7 | eSch: V_SCARK113_MED_VISION | fusion_near |
| MV0085 | Lateral MB Near | lat_mb | 7 | eSch: V_SCARK113_MED_VISION | lat_mb_near |
| MV0086 | Lateral MB Far | lateral_far | 7 | eSch: V_SCARK113_MED_VISION | lat_mb_far |
| MV0090 | Vertical MB Far | ver_mb | 7 | eSch: V_SCARK113_MED_VISION | vert_mb_far |
| MV0095 | Plus 2 Lens | plus2_len | 7 | eSch: V_SCARK113_MED_VISION | plus_20 |
| MV0100 | Referral | referral | 7 | eSch: MEDTB_REFERER | state_code_equiv |
| MV0110 | Follow Up | follow_up | 7 | eSch: MEDTB_FOLLOWUP | state_code_equiv |
| MV0115 | Auto Refractor | auto_ref | 7 | eSch: V_SCARK113_MED_VISION | location |

View: V_SCARK113_MED_VISION

A "view" is a stored query. It gets data from tables, and is then referenced in other queries like it was a table.

The Medical Vision table uses the view "V_SCARK113_MED_VISION". This view gets information from these joined eSchool tables:

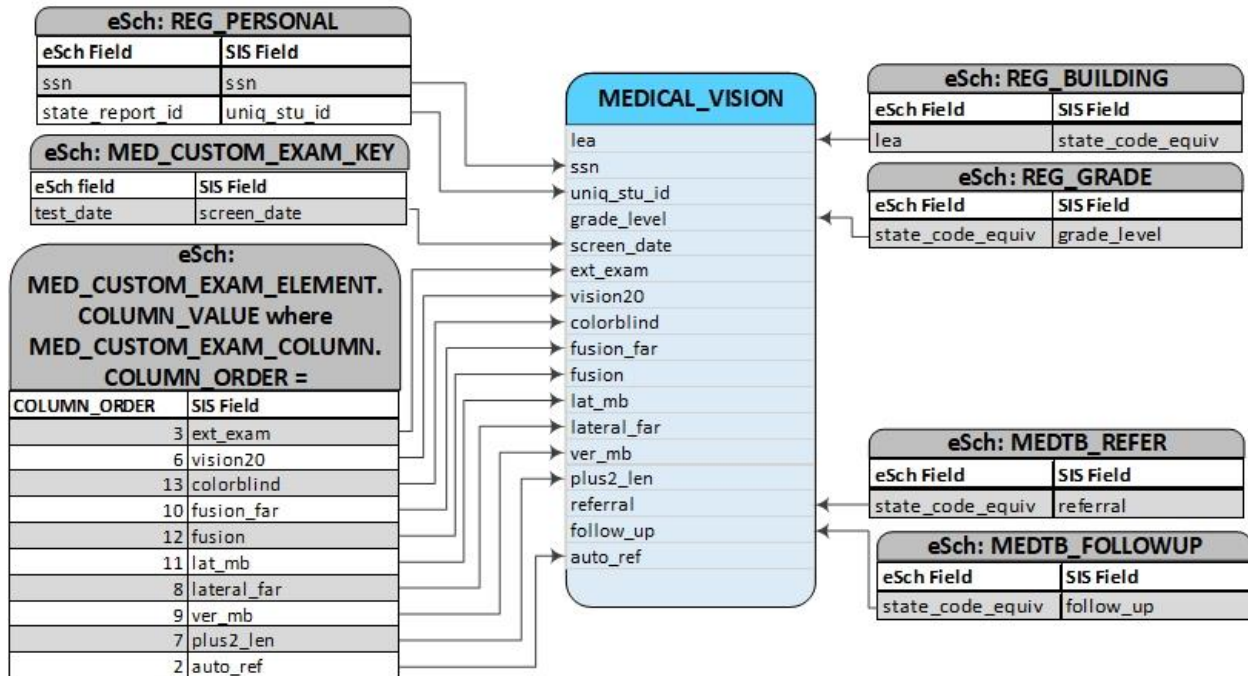
- MED_CUSTOM_EXAM_TYPE
- MED_CUSTOM_EXAM_COLUMN
- MED_CUSTOM_EXAM_KEY
- MED_VISION
- MED_CUSTOM_EXAM_ELEMENT

The table MED_CUSTOM_EXAM_COLUMN determines which value belongs to which Medical Vision field according to the field COLUMN_ORDER:

| COLUMN_ORDER | COLUMN_NAME |
|--------------|-----------------|
| 1 | GRADE |
| 2 | LOCATION |
| 3 | EXTERNAL_EXAM |
| 4 | RIGHT_W_GLASSES |
| 5 | LEFT_W_GLASSES |
| 6 | VISION_20 |
| 7 | PLUS_20 |
| 8 | LAT_MB_FAR |
| 9 | VERT_MB_FAR |
| 10 | FUSION_FAR |
| 11 | LAT_MB_NEAR |
| 12 | FUSION_NEAR |
| 13 | COLOR |

The fields MV0062 through MV0115 get their values from the eSchool table MED_CUSTOM_EXAM_ELEMENT field COLUMN_VALUE where COLUMN_ORDER is as follows:

| Column ID | Element | Column Name | View Column | COLUMN_ORDER |
|-----------|-----------------|-------------|---------------|--------------|
| MV0062 | External Exam | ext_exam | external_exam | 3 |
| MV0063 | Vision 20 | vision20 | vision_20 | 6 |
| MV0066 | Colorblind | colorblind | color | 13 |
| MV0073 | Fusion Far | fusion_far | fusion_far | 10 |
| MV0075 | Fusion Near | fusion | fusion_near | 12 |
| MV0085 | Lateral MB Near | lat_mb | lat_mb_near | 11 |
| MV0086 | Lateral MB Far | lateral_far | lat_mb_far | 8 |
| MV0090 | Vertical MB Far | ver_mb | vert_mb_far | 9 |
| MV0095 | Plus 2 Lens | plus2_len | plus_20 | 7 |
| MV0115 | Auto Refractor | auto_ref | location | 2 |



Selection Criteria

PLEASE NOTE: Much of the data for this table comes from "views". A "view" is a stored query. It gets data from tables, and is then referenced in other queries like it was a table.

```

FROM
REG_PERSONAL rp
INNER JOIN REG_ENTRY_WITH rew
    ON rp.district = rew.district
    AND rp.student_id = rew.student_id
    AND rew.school_year = {0}
    AND rew.entry_date <= '{4}'
    AND (rew.entry_date < rew.withdrawal_date OR rew.withdrawal_date IS NULL)
INNER JOIN reg r
    ON rp.district = r.district AND
    rp.student_id = r.student_id
INNER JOIN v_scar113_med_vision mv
    ON rew.district = mv.district
    AND rew.student_id = mv.student_id
    AND rew.grade = mv.grade
    AND mv.test_date >= '{2}' --7/1
    AND mv.test_date <= '{4}'
INNER JOIN (SELECT *
    ,RANK() OVER(PARTITION BY student_id
    ORDER BY [start_date] DESC) r
    FROM REG_V_PROGRAMS
    WHERE state_code_equiv = 'ARRS'
    AND program_value <> 'X') arrs

```

```
    ON rew.district = arrs.district
    AND rew.student_id = arrs.student_id
    AND mv.test_date BETWEEN arrs.start_date AND ISNULL(arrs.end_date,GETDATE())
LEFT OUTER JOIN med_vision mv2
    ON mv.district = mv2.district
    AND mv.student_id = mv2.student_id
    AND mv.grade = mv2.grade
    AND mv.test_date = mv2.test_date
LEFT OUTER JOIN med_referral mr
    ON rew.district = mr.district
    AND rew.student_id = mr.student_id
    AND DATEADD(dd, DATEDIFF(dd, 0, mv.test_date), 0) = DATEADD(dd, DATEDIFF(dd, 0,
mr.test_date), 0)
    AND mr.TEST_TYPE = 'SPI_VISION'
LEFT OUTER JOIN REG_DISTRICT rd
    ON rp.district = rd.district
LEFT OUTER JOIN REG_GRADE rg
    ON rew.district = rg.district
    AND rew.grade = rg.code
LEFT OUTER JOIN medtb_refer mtr
    ON mr.district = mtr.district
    AND mr.referral_code = mtr.code
LEFT OUTER JOIN medtb_followup mtf
    ON mr.district = mtf.district
    AND mr.follow_up_code = mtf.code
LEFT OUTER JOIN REG_BUILDING
    ON rew.DISTRICT = REG_BUILDING.DISTRICT
    AND rew.BUILDING = REG_BUILDING.BUILDING
WHERE (rp.RESIDENCY_CODE IS NULL OR rp.RESIDENCY_CODE <> 'X')
```