# DAP Year variables

2021-04-14

## Contents

# 1 Introduction

This document provides information about the out-of-range year values that affect `hs_diagnosis_year` in the HLES Health Conditions table and `hs_initial_diagnosis_year` in the HLES Cancer Conditions table.

We have identified instances where the respondent inputted values for the diagnosed year of a condition that are outside of the valid range of 1980-2025 allowed by REDCap (e.g., "07"). In these situations, REDCap simply presents a warning popup to respondents indicating they entered a value that is outside of the suggested range but still allows them to enter it and continue with the survey.

We have not modified these year values and are leaving it up to the researcher to either drop these out of range values or infer and correct them as they see fit.

# 2 HLES Health Conditions data

In the 2020 HLES Health Conditions table, there are a total of 76885 records of reported health conditions. Out of these, there are 260 instances where `hs_diagnosis_year` is out of the valid range of 1980-2025. The summary table below presents the out-of-range values and the number of times they appear in the data.

| hs_diagnosis_year | count |
|---:|---:|
| 0 | 5 |
| 1 | 15 |
| 2 | 12 |
| 3 | 2 |
| 4 | 1 |
| 5 | 3 |
| 6 | 10 |
| 7 | 2 |
| 8 | 1 |
| 9 | 2 |
| 10 | 3 |
| 11 | 2 |
| 12 | 3 |
| 13 | 3 |
| 14 | 3 |
| 15 | 6 |
| 16 | 3 |
| 17 | 6 |
| 18 | 18 |
| 19 | 29 |
| 20 | 38 |
| 21 | 1 |
| 29 | 1 |
| 108 | 1 |
| 111 | 2 |
| 112 | 1 |
| 153 | 1 |
| 199 | 1 |
| 200 | 2 |
| 201 | 1 |
| 202 | 3 |
| 207 | 1 |
| 209 | 1 |
| 212 | 1 |
| 218 | 1 |
| 220 | 2 |
| 1015 | 1 |
| 1820 | 2 |
| 1916 | 1 |
| 1917 | 1 |
| 1918 | 1 |
| 1919 | 1 |
| 2028 | 1 |
| 2029 | 1 |
| 2104 | 1 |
| 2105 | 1 |

| hs_diagnosis_year | count |
| --- | --- |
| 2116 | 1 |
| 2819 | 1 |
| 2820 | 3 |
| 20014 | 1 |
| 20020 | 1 |
| 20083 | 1 |
| 20108 | 1 |
| 20111 | 1 |
| 20123 | 1 |
| 20183 | 1 |
| 20184 | 1 |
| 20188 | 2 |
| 20200 | 1 |
| 22016 | 1 |
| 22020 | 2 |
| 62016 | 1 |
| 82018 | 1 |
| 82020 | 1 |
| 102010 | 1 |
| 120111 | 1 |
| 151915 | 1 |
| 162015 | 1 |
| 182018 | 1 |
| 200505 | 1 |
| 200909 | 2 |
| 201414 | 1 |
| 201616 | 1 |
| 201919 | 2 |
| 202020 | 1 |
| 220200 | 1 |
| 1201111 | 1 |
| 1202016 | 1 |
| 1920199 | 1 |
| 2014014 | 1 |
| 2020002 | 1 |
| 2020920 | 1 |
| 11121420 | 1 |
| 16201516 | 1 |
| 20102013 | 1 |
| 20111111 | 1 |
| 20162015 | 1 |
| 20201820 | 1 |
| 20202020 | 2 |
| 22017017 | 1 |
| 62006200 | 1 |
| 111111111 | 1 |
| 180180208 | 1 |
| 202002020 | 1 |
| 1620162015 | 1 |
| 2020202020 | 1 |
| 2200990008 | 1 |
| 2201501515 | 1 |

| hs_diagnosis_year | count |
|---:|---:|
| 20111111111 | 1 |
| 20190192019 | 1 |
| 2017201702017 | 1 |

# 3 HLES Cancer Conditions data

In the 2020 HLES Cancer Conditions table, there are a total of 1751 records of reported cancer conditions. Out of these, there are 7 instances where `hs_initial_diagnosis_year` is out of the valid range of 1980-2025. The summary table below presents the out-of-range values and the number of times they appear in the data.

| hs_initial_diagnosis_year | count |
|---:|---:|
| 19 | 1 |
| 20 | 2 |
| 20202 | 1 |
| 90920 | 1 |
| 192019 | 1 |
| 2020200 | 1 |