



The 2024 IDEC Study Claim Database

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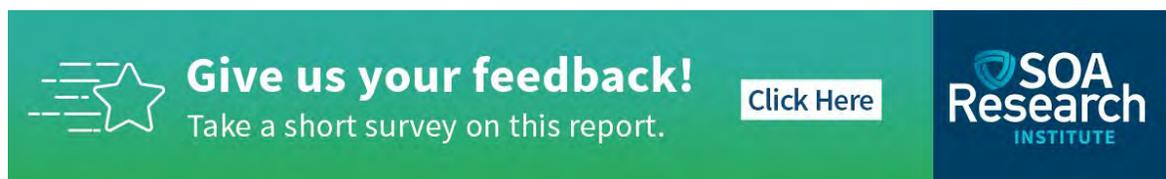


The 2024 IDEC Study Claim Database

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A horizontal banner with a green-to-blue gradient background. On the left is a white star icon with horizontal lines extending from its left side. To the right of the star is the text "Give us your feedback!" in a bold white font, followed by "Take a short survey on this report." in a smaller white font. Further right is a white rectangular button with the text "Click Here" in blue. On the far right of the banner is the SOA Research Institute logo in white and blue.

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Section 1 Introduction

The 2024 IDEC Study has produced two reports, “The Impact of Diagnosis on Individual DI Recovery and Mortality Rates from 2006 through 2014 – Phase 1 and Phase 2,” which provide a comprehensive analysis of disabled life recovery and mortality experience for individual disability income (IDI) policies from 2006 through 2014.

To supplement these reports, an Excel workbook has been created to provide readers with the data that can be used to recreate the Phase 1 and Phase 2 tables and to expand this analysis by exploring different combinations of variables not provided in the 2024 IDEC Study reports. The Excel spreadsheet is named “2024 IDEC Study Database.” This document describes the layout of this spreadsheet.

The claim records in this spreadsheet are presented in terms of claim count and claim amount, whereas Phase 1 and Phase 2 present results only in terms of claim count. Also, there are claim records included with onset ages 65 and older, which do not fall within the scope of Phase 1 and Phase 2.

Section 2 Description of Sheets

This section describes the contents of each sheet in the Excel workbook.

2.1 ALL UNDER 65 DATA BY COUNT

This sheet contains 1,440 records with onset ages under 65 based on CLAIM COUNT.

Records vary by the following variables:

- **Benefit Period** – short-term, To Age 65-70, and lifetime
- **Elimination Period** – 30-day, 60-day, 90-day, and 180-day; records for short-term and lifetime records only have the 90-day elimination period
- **Sex** – male and female
- **Occupation Class** – the IDEC occupation classes, M, 1, and 2-4
- **Onset Ages** – Under 40, 40-49, 50-59, and 60-64
- **Diagnosis Grouping** – the 10 Diagnosis Groupings used in Phase 1 and Phase 2

Each record has the following claim information by count for claim years Y1, Y2, Y3, Y4-6, Y7-10, Y1-6, and Y1-10:

- **Claim Exposure** (“Expos”)
- **Actual Recoveries** (“ActRec”)
- **Aggregate Recoveries** (“AggRec”)
- **Actual Deaths** (“ActDth”)
- **Standard Deaths** (“StdDth”)

2.2 ALL UNDER 65 DATA BY AMOUNT

This sheet has the same claim records as in the All Under 65 Data by Count tab, except presented in terms of claim amount. The analyses in Phase 1 and Phase 2 present results in terms of claim count. The data in this tab allows the reader to present results in terms of claim amount.

2.3 ALL 65 PLUS DATA BY COUNT

This sheet contains 162 records with onset ages 65 and older (65+) based on CLAIM COUNT. Onset ages 65 and over are not included in the scope of Phase 1 and Phase 2.

Records vary by the following variables:

- **Benefit Period** – short-term, To Age 65-70, and lifetime
- **Elimination Period** – 90-day only
- **Sex** – male and female
- **Occupation Class** – the IDEC occupation classes, M, 1, and 2-4
- **Onset Ages** – 65+ only
- **Diagnosis Grouping** – the 10 Diagnosis Groupings used in Phase 1 and Phase 2

Each record has the following claim information by count for claim years Y1, Y2, Y3, Y4-6, Y7-10, Y1-3, and Y1-10:

- **Claim Exposure** (“Expos”)
- **Actual Recoveries** (“ActRec”)
- **Aggregate Recoveries** (“AggRec”)
- **Actual Deaths** (“ActDth”)
- **Standard Deaths** (“StdDth”)

Most companies change the benefit period of claims to short-term (e.g., from To Age 65-70 to 2-years) when the guaranteed renewable period expires, and they enter the contingently renewable period. Apparently, some companies do not, and there are claim records with onset ages 65+ that have kept their original benefit periods, e.g., To Age 65-70 or lifetime. Most of the claim exposure of these records fall in the first claim years. Approximately 50% of the claim exposure of the lifetime claims with onset ages 65 and over occurred in claim years 4-10, compared to 0.7% for short-term claims and 2.8% for To Age 65-70 claims. The users of this data should keep this in mind if they use the claim data with onset ages 65 and older.

2.4 ALL 65 PLUS DATA BY AMOUNT

This sheet has the same claim records as in the All 65 Plus Data by Count tab, except presented in terms of claim amount.

2.5 SAMPLE PIVOT TABLES UNDER 65

This sheet shows two pivot tables deriving Actual/Standard Mortality Ratios and Actual/Aggregate Recovery Ratios by Claim Count and Claim Amount using data with onset ages under 65. Another two pivot tables show the distribution of claim exposure by diagnosis grouping and claim year.

2.6 SAMPLE PIVOT TABLES 65 PLUS

This sheet shows four sample pivot tables accessing All 65 Plus Data by Count or All 65 Plus Data by Amount.

2.7 AGGREGATE RECOVERY RATES

This sheet contains the Aggregate Recovery Rates used to derive the Aggregate Recoveries in the claim records as reference. They vary by sex, onset age grouping, and claim year. All occupation classes and non-maternity Diagnosis Groupings were combined in the derivation of the Aggregate Recovery Rates. Users should refer to the Phase 1 and Phase 2 reports for further explanation.

2.8 STANDARD MORTALITY RATES

This tab contains the Standard Mortality Rates used to derive the Standard Deaths in the claim records as reference. They vary by sex and attained age and are based on the 2015 Valuation Base Table (VBT) in the ultimate policy durations. Users should refer to the Phase 1 and Phase 2 reports for further explanation.

About The Society of Actuaries Research Institute

Serving as the research arm of the Society of Actuaries (SOA), the SOA Research Institute provides objective, data-driven research bringing together tried and true practices and future-focused approaches to address societal challenges and your business needs. The Institute provides trusted knowledge, extensive experience and new technologies to help effectively identify, predict and manage risks.

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