

South Africa - Mortality and Causes of Death 2021-2022

Statistics South Africa

Report generated on: November 13, 2025

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Identification

SURVEY ID NUMBER

zaf-statssa-mcd-2021-2022-v1

TITLE

Mortality and Causes of Death 2021-2022

COUNTRY

Name	Country code
South Africa	zaf

STUDY TYPE

Mortality and Causes of Death

ABSTRACT

This cumulative dataset contains statistics on mortality and causes of death in South Africa covering the period 2021-2022. The mortality and causes of death dataset is part of a regular series published by Stats SA, based on data collected through the civil registration system. The Recorded Deaths 1996 dataset, and the Mortality and Causes of Death 1999-2020 datasets are available separately. The main objective of this dataset is to outline emerging trends and differentials in mortality by selected socio-demographic and geographic characteristics for deaths that occurred in the registered year and over time. Reliable mortality statistics are the cornerstone of national health information systems, and are necessary for population health assessment, health policy and service planning, and programme evaluation. They are essential for studying the occurrence and distribution of health-related events, their determinants and management of related health problems. These data are particularly critical for monitoring the Sustainable Development Goals (SDGs) and Agenda 2063, which share the same goal for a high standard of living and quality of life, sound health and well-being for all and at all ages. Mortality statistics are also required for assessing the impact of non-communicable diseases (NCDs), emerging infectious diseases, injuries and natural disasters.

KIND OF DATA

Administrative records

UNIT OF ANALYSIS

Individuals

Version

VERSION DESCRIPTION

Version 1: Edited, anonymised data for public distribution

VERSION DATE

2025

Scope

NOTES

The registration of deaths is governed by the Births and Deaths Registration Act, 1992 (Act No. 51 of 1992 as amended), and is administered by the Department of Home Affairs. After a death is registered, the Department of Home Affairs issues a death certificate and, where applicable, updates the population register. The forms are then collected by Statistics South Africa (Stats SA) for processing.

TOPICS

Topic
Mortality

Causes of death

Coverage

GEOGRAPHIC COVERAGE

The data has national coverage

UNIVERSE

This dataset is based on information on mortality and causes of death from the South African civil registration system. It covers all death notification forms from the Department of Home Affairs for deaths that occurred in 2021-2022 that reached Stats SA during the 2024/2025 processing phase

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Statistics South Africa	Government of South Africa

PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Home Affairs	DHA	Government of South Africa	Registering deaths

Data Collection

DATES OF DATA COLLECTION

Start	End
2021	2022

TIME PERIODS

Start date	End date
2021	2022

DATA COLLECTION MODE

Other

SUPERVISION

The data is collected and distributed under the Civil Registrations Act and the Statistics Act of South Africa.

DATA COLLECTION NOTES

The 2021 dataset excludes deaths that might not have been registered in 2021 and deaths that have been registered but have not reached Stats SA during the 2023/2024 processing phase. In addition, the 2022 dataset excludes deaths that might not have been registered in 2022 and deaths that have been registered but have not reached Stats SA during the 2024/2025 processing phase.

DATA COLLECTORS

Name	Abbreviation	Affiliation
Department of Home Affairs	DHA	Government of South Africa

Questionnaires

QUESTIONNAIRES

The registration of deaths is captured using two instruments: form BI-1663 and form DHA-1663: Notification/Register of death/stillbirth

Access policy

CONTACTS

Name	Affiliation	Email	URL
DataFirst Helpdesk	University of Cape Town	support@data1st.org	support.data1st.org

ACCESS CONDITIONS

Creative Commons Attribution Non-Commercial CC-BY-NC access and use license

CITATION REQUIREMENTS

Statistics South Africa. Mortality and Causes of Death 2021-2022 [dataset]. Version 1. Pretoria: Statistics South Africa [producer], 2025. Cape Town: DataFirst [distributor], 2025. DOI: <https://doi.org/10.25828/DBKY-Y636>

ACCESS AUTHORITY

Name	Affiliation	Email	URL
DataFirst Support	University of Cape Town	support@data1st.org	support.data1st.org

Metadata production

PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata Record Producer

DATE OF METADATA PRODUCTION

2025-11-13

DDI DOCUMENT VERSION

V1

Data Description

Data file	Cases	Variables
mcd-2021-causes	674761	14
mcd-2021-dates	674761	11
mcd-2021-deceased	674761	20
mcd-2022-causes-horizontal	515177	14
mcd-2022-date	515177	11
mcd-2022-deceased	515177	20

Data file: mcd-2021-causes

Cases: 674761

Variables: 14

Variables

ID	Name	Label	Question
V44	SerialNo	Serial number	
V45	CauseA	Immediate cause of death	
V46	InjuryA	Injury codes for the immediate cause of death	
V47	CauseB	Second condition leading to death	
V48	InjuryB	Injury codes for the second condition leading to death	
V49	CauseC	Third condition leading to death	
V50	InjuryC	Injury codes for the third condition leading to death	
V51	CauseD	Fourth condition leading to death	
V52	InjuryD	Injury codes for fourth condition leading to death	
V53	Part2Cause	Cause provided on part 2 of the death notification form	
V54	Part2Injury	Injury codes for cause on part 2	
V55	UnderlyingCause	Underlying cause of death	
V56	UnderlyingBroadGrp	UnderlyingBroadGrp	
V57	UnderlyingMainGrp	UnderlyingMainGrp	

Total: 14

Data file: mcd-2021-dates

Cases: 674761

Variables: 11

Variables

ID	Name	Label	Question
V58	SerialNo	Serial number	
V59	DeathYear	Death year	
V60	DeathMonth	Death month	
V61	DeathDay	Death day	
V62	BirthYear	Birth year	
V63	BirthMonth	Birth month	
V64	BirthDay	Birth day	
V65	RegistrationYear	Registration year	
V66	RegistrationMonth	Registration month	
V67	RegistrationDay	Registration day	
V68	ProcessingYear	Processing year	

Total: 11

Data file: mcd-2021-deceased

Cases: 674761

Variables: 20

Variables

ID	Name	Label	Question
V69	SerialNo	Serial number	
V70	DeathType	Death type (Individual death/Stillbirth)	
V71	AgeYear	Age in completed years	
V72	Sex	Sex of deceased	
V73	MStatus	Marital status of deceased	
V74	Relationship	Relationship of informant to deceased	
V75	EduCode	Education of deceased	
V76	OccupationGrp	Groups of occupation of deceased	
V77	Industry	Type of business / industry where the deceased was working	
V78	Ascertainment	Ascertainment of the cause of death	
V79	Smoker	Smoking status of deceased	
V80	Pregnancy	Pregnancy status of deceased	
V81	PopGroup	Population group	
V82	Citizenship	Citizenship of deceased	
V83	BirthProvince	Province of birth of the deceased	
V84	DeathProvince	Province of death occurrence	
V85	ResProvince	Province of usual residence of the deceased	
V86	DeathInst	Place of death	
V87	NaturalUnnatural	Natural/non-natural underlying causes of death	
V88	BirthWeight	Birth weight in grams	

Total: 20

Data file: mcd-2022-causes-horizontal

Cases: 515177

Variables: 14

Variables

ID	Name	Label	Question
V89	SerialNo	Serial number	
V90	CauseA	Immediate cause of death	
V91	CauseB	Second condition leading to death	
V92	CauseC	Third condition leading to death	
V93	CauseD	Fourth condition leading to death	
V94	Part2Cause	Cause provided on part 2 of the death notification form	
V95	InjuryA	Injury codes for the immediate cause of death	
V96	InjuryB	Injury codes for the second condition leading to death	
V97	InjuryC	Injury codes for the third condition leading to death	
V98	InjuryD	Injury codes for fourth condition leading to death	
V99	Part2Injury	Injury codes for cause on part 2	
V100	UnderlyingCause	Underlying cause of death	
V101	UnderlyingBroadGrp	UnderlyingBroadGrp	
V102	UnderlyingMainGrp	UnderlyingMainGrp	

Total: 14

Data file: mcd-2022-date

Cases: 515177

Variables: 11

Variables

ID	Name	Label	Question
V103	SerialNo	Serial number	
V104	DeathYear	Death year	
V105	DeathMonth	Death month	
V106	DeathDay	Death day	
V107	BirthYear	Birth year	
V108	BirthMonth	Birth month	
V109	BirthDay	Birth day	
V110	RegistrationYear	Registration year	
V111	RegistrationMonth	Registration month	
V112	RegistrationDay	Registration day	
V113	ProcessingYear	Processing year	

Total: 11

Data file: mcd-2022-deceased

Cases: 515177

Variables: 20

Variables

ID	Name	Label	Question
V114	SerialNo	Serial number	
V115	DeathType	Death type (Individual death/Stillbirth)	
V116	AgeYear	Age in completed years	
V117	Sex	Sex of deceased	
V118	MStatus	Marital status of deceased	
V119	Relationship	Relationship of informant to deceased	
V120	EduCode	Education of deceased	
V121	OccupationGrp	Groups of occupation of deceased	
V122	Industry	Type of business / industry where the deceased was working	
V123	Smoker	Smoking status of deceased	
V124	Pregnancy	Pregnancy status of deceased	
V125	PopGroup	Population group	
V126	Citizenship	Citizenship of deceased	
V127	BirthProvince	Province of birth of the deceased	
V128	DeathProvince	Province of death occurrence	
V129	ResProvince	Province of usual residence of the deceased	
V130	Ascertainment	Ascertainment of the cause of death	
V131	DeathInst	Place of death	
V132	NaturalUnnatural	Natural/non-natural underlying causes of death	
V133	BirthWeight	Birth weight in grams	

Total: 20

SERIALNO: Serial number**Data file: mcd-2021-causes****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

CAUSEA: Immediate cause of death**Data file: mcd-2021-causes****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

INJURYA: Injury codes for the immediate cause of death**Data file: mcd-2021-causes****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		614486	91.1%
S007		3	0%
S009		1	0%
S010		2	0%
S011		1	0%
S012		1	0%
S013		2	0%
S015		10	0%
S017		80	0%
S018		110	0%
S019		2639	0.4%
S020		1	0%
S021		11	0%
S026		4	0%
S027		15	0%
S028		9	0%

S029		324	0%
S049		1	0%
S053		1	0%
S056		1	0%
S059		4	0%
S061		2	0%
S062		17	0%
S063		2	0%
S064		3	0%
S065		111	0%
S066		12	0%
S068		83	0%
S069		347	0.1%
S071		11	0%
S079		7	0%
S090		1	0%
S092		1	0%
S097		76	0%
S098		6	0%
S099		7337	1.1%
S101		1	0%
S109		1	0%
S110		1	0%
S112		3	0%
S117		13	0%
S118		27	0%
S119		1206	0.2%
S120		2	0%
S121		1	0%
S122		1	0%
S127		11	0%
S128		1	0%
S129		146	0%
S131		24	0%
S141		29	0%
S142		3	0%
S143		1	0%
S150		12	0%
S152		7	0%

S157		1	0%
S158		1	0%
S159		2	0%
S18		10	0%
S198		2	0%
S199		173	0%
S202		1	0%
S208		1	0%
S211		3	0%
S212		242	0%
S217		93	0%
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S219		4265	0.6%
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S223		13	0%
S224		18	0%
S225		6	0%
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S229		1	0%
S234		1	0%
S241		2	0%
S250		23	0%
S251		11	0%
S252		3	0%
S253		4	0%
S254		4	0%
S260		3	0%
S268		16	0%
S269		300	0%
S270		7	0%
S271		24	0%
S272		19	0%
S273		135	0%
S274		1	0%
S275		1	0%
S277		33	0%
S278		3	0%
S279		6	0%
S280		6	0%

S297		21	0%
S298		1	0%
S299		747	0.1%
S302		1	0%
S310		53	0%
S311		16	0%
S312		1	0%
S314		1	0%
S317		12	0%
S318		912	0.1%
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S328		25	0%
S341		1	0%
S350		1	0%
S351		1	0%
S354		1	0%
S355		3	0%
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S360		3	0%
S361		33	0%
S363		2	0%
S367		2	0%
S368		4	0%
S369		7	0%
S370		5	0%
S372		1	0%
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S397		6	0%
S398		1	0%
S399		262	0%
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S411		50	0%
S418		10	0%

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S429		1	0%
S430		1	0%
S450		2	0%
S451		1	0%
S452		1	0%
S459		5	0%
S469		1	0%
S498		1	0%
S499		4	0%
S507		2	0%
S510		4	0%
S518		1	0%
S519		14	0%
S528		2	0%
S529		1	0%
S551		6	0%
S559		2	0%
S599		4	0%
S617		1	0%
S618		1	0%
S619		7	0%
S651		1	0%
S699		2	0%
S710		3	0%
S711		134	0%
S717		4	0%
S720		160	0%
S721		22	0%
S723		6	0%
S724		1	0%
S727		1	0%
S729		112	0%
S730		1	0%
S749		1	0%
S750		21	0%
S751		2	0%
S759		12	0%

S799		18	0%
S807		1	0%
S809		1	0%
S810		2	0%
S817		4	0%
S818		1	0%
S819		73	0%
S820		2	0%
S822		4	0%
S823		1	0%
S825		1	0%
S827		2	0%
S828		5	0%
S829		5	0%
S850		3	0%
S851		2	0%
S859		2	0%
S880		4	0%
S889		1	0%
S898		2	0%
S899		13	0%
S913		4	0%
S999		1	0%
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T010		21	0%
T011		135	0%
T012		1	0%
T013		6	0%
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T019		3002	0.4%
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T025		1	0%
T027		1	0%
T028		31	0%
T029		16	0%
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T039		1	0%
T048		1	0%
T049		1	0%

T060		4	0%
T063		1	0%
T065		10	0%
T068		2707	0.4%
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T08		22	0%
T091		13	0%
T093		89	0%
T094		3	0%
T099		3	0%
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T132		1	0%
T134		1	0%
T136		2	0%
T139		28	0%
T140		16	0%
T141		1185	0.2%
T142		15	0%
T143		1	0%
T144		3	0%
T145		40	0%
T146		4	0%
T147		15	0%
T148		7	0%
T149		4921	0.7%
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T175		1	0%
T178		15	0%
T179		830	0.1%
T210		1	0%
T273		2	0%
T284		1	0%
T290		3	0%
T300		2614	0.4%
T302		4	0%
T303		34	0%

T307		8	0%
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T311		8	0%
T312		6	0%
T313		6	0%
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T391		6	0%
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T471		7	0%
T473		7	0%
T474		4	0%
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T492		1	0%
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T511		12	0%
T519		62	0%
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T521		1	0%
T524		2	0%
T528		8	0%
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T534		1	0%
T542		12	0%
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T549		24	0%
T568		4	0%
T58		303	0%
T597		3	0%
T598		25	0%

T599		93	0%
T600		887	0.1%
T601		1	0%
T603		10	0%
T604		15	0%
T609		30	0%
T621		1	0%
T622		158	0%
T628		10	0%
T629		4	0%
T630		21	0%
T631		1	0%
T632		1	0%
T634		9	0%
T639		5	0%
T656		1	0%
T658		43	0%
T659		885	0.1%
T670		9	0%
T68		151	0%
T698		3	0%
T699		30	0%
T71		5978	0.9%
T730		9	0%
T740		4	0%
T741		1	0%
T742		1	0%
T749		1	0%
T750		119	0%
T751		1733	0.3%
T754		591	0.1%
T758		21	0%
T782		36	0%
T783		18	0%
T784		7	0%
T788		1	0%
T790		1	0%
T791		42	0%
T794		5	0%

T795		35	0%
T796		9	0%
T797		1	0%
T798		1	0%
T809		3	0%
T810		7	0%
T811		1	0%
T813		2	0%
T814		7	0%
T815		1	0%
T816		1	0%
T817		2	0%
T818		122	0%
T819		203	0%
T820		4	0%
T821		3	0%
T825		1	0%
T826		1	0%
T827		4	0%
T828		3	0%
T829		25	0%
T833		1	0%
T835		1	0%
T838		1	0%
T840		1	0%
T842		1	0%
T845		1	0%
T848		4	0%
T849		6	0%
T850		1	0%
T851		1	0%
T857		3	0%
T858		5	0%
T859		9	0%
T860		1	0%
T861		1	0%
T862		1	0%
T863		1	0%
T864		2	0%

T868		1	0%
T869		4	0%
T872		2	0%
T874		5	0%
T875		1	0%
T876		102	0%
T887		2	0%
T888		43	0%
T889		24	0%
T900		1	0%
T902		4	0%
T905		1	0%
T909		4	0%
T914		1	0%
T918		2	0%
T940		9	0%
T941		7	0%
T96		1	0%
T981		1	0%
T983		4	0%

CAUSEB: Second condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

INJURYB: Injury codes for the second condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		316895	47%

888		351867	52.1%
S000		1	0%
S009		1	0%
S018		4	0%
S019		31	0%
S021		1	0%
S024		1	0%
S029		30	0%
S06		1	0%
S062		2	0%
S063		3	0%
S064		1	0%
S065		15	0%
S068		17	0%
S069		122	0%
S097		1	0%
S099		445	0.1%
S118		1	0%
S119		20	0%
S121		1	0%
S122		1	0%
S128		1	0%
S129		25	0%
S131		1	0%
S141		2	0%
S150		1	0%
S198		1	0%
S199		16	0%
S212		9	0%
S217		2	0%
S218		2	0%
S219		77	0%
S222		2	0%
S223		21	0%
S224		6	0%
S225		1	0%
S229		1	0%
S241		1	0%
S250		2	0%

S269		21	0%
S270		1	0%
S272		2	0%
S273		6	0%
S277		3	0%
S278		1	0%
S280		3	0%
S297		1	0%
S298		1	0%
S299		43	0%
S308		1	0%
S310		1	0%
S311		1	0%
S313		1	0%
S317		1	0%
S318		61	0%
S320		1	0%
S323		1	0%
S324		2	0%
S325		1	0%
S328		18	0%
S341		1	0%
S351		1	0%
S360		2	0%
S361		13	0%
S368		1	0%
S369		1	0%
S370		7	0%
S372		3	0%
S373		1	0%
S399		39	0%
S410		1	0%
S411		3	0%
S418		1	0%
S423		18	0%
S424		1	0%
S428		1	0%
S429		3	0%
S430		1	0%

S459		1	0%
S499		1	0%
S507		3	0%
S520		1	0%
S529		1	0%
S597		1	0%
S599		1	0%
S619		1	0%
S682		1	0%
S711		2	0%
S720		297	0%
S721		49	0%
S723		1	0%
S724		2	0%
S728		1	0%
S729		248	0%
S730		4	0%
S759		1	0%
S760		1	0%
S799		4	0%
S817		1	0%
S819		2	0%
S820		2	0%
S821		1	0%
S822		18	0%
S824		2	0%
S828		14	0%
S829		2	0%
S831		1	0%
S858		1	0%
S880		4	0%
S889		3	0%
S899		6	0%
S910		1	0%
S911		1	0%
S913		1	0%
S958		1	0%
S999		2	0%
T013		2	0%

T018		41	0%
T019		26	0%
T021		1	0%
T023		5	0%
T024		1	0%
T025		1	0%
T028		12	0%
T029		5	0%
T068		59	0%
T07		165	0%
T08		12	0%
T092		1	0%
T093		23	0%
T094		2	0%
T10		1	0%
T111		3	0%
T12		7	0%
T131		4	0%
T139		7	0%
T140		4	0%
T141		55	0%
T142		16	0%
T144		1	0%
T145		1	0%
T146		1	0%
T147		1	0%
T149		356	0.1%
T172		1	0%
T178		3	0%
T179		192	0%
T189		1	0%
T200		2	0%
T220		1	0%
T240		2	0%
T273		2	0%
T300		379	0.1%
T301		2	0%
T302		5	0%
T303		4	0%

T307		2	0%
T310		4	0%
T311		3	0%
T312		3	0%
T313		5	0%
T314		1	0%
T315		1	0%
T317		2	0%
T319		3	0%
T322		1	0%
T323		1	0%
T324		1	0%
T326		1	0%
T360		1	0%
T366		2	0%
T369		1	0%
T371		1	0%
T372		1	0%
T375		2	0%
T383		7	0%
T388		1	0%
T390		2	0%
T391		6	0%
T393		11	0%
T400		1	0%
T401		3	0%
T402		3	0%
T405		1	0%
T406		1	0%
T407		3	0%
T413		1	0%
T414		5	0%
T426		1	0%
T430		1	0%
T432		2	0%
T435		1	0%
T436		10	0%
T443		1	0%
T445		2	0%

T449		1	0%
T451		3	0%
T452		1	0%
T454		1	0%
T455		183	0%
T461		1	0%
T464		1	0%
T465		3	0%
T467		1	0%
T472		1	0%
T474		12	0%
T477		1	0%
T478		1	0%
T479		1	0%
T484		1	0%
T486		3	0%
T500		1	0%
T509		119	0%
T510		16	0%
T511		10	0%
T519		54	0%
T520		7	0%
T521		1	0%
T524		1	0%
T542		1	0%
T543		2	0%
T549		4	0%
T568		2	0%
T58		36	0%
T597		1	0%
T598		3	0%
T599		23	0%
T600		54	0%
T603		2	0%
T604		3	0%
T609		4	0%
T622		274	0%
T628		11	0%
T629		1	0%

T630		5	0%
T632		1	0%
T633		1	0%
T634		5	0%
T652		1	0%
T656		1	0%
T658		84	0%
T659		85	0%
T66		2	0%
T678		1	0%
T68		47	0%
T699		5	0%
T71		155	0%
T730		14	0%
T740		17	0%
T742		10	0%
T750		2	0%
T751		54	0%
T754		17	0%
T758		3	0%
T782		16	0%
T783		4	0%
T784		6	0%
T790		2	0%
T791		9	0%
T795		2	0%
T797		2	0%
T802		1	0%
T808		1	0%
T809		13	0%
T81		1	0%
T810		9	0%
T814		10	0%
T817		2	0%
T818		212	0%
T819		360	0.1%
T820		4	0%
T821		20	0%
T822		4	0%

T825		4	0%
T826		1	0%
T828		16	0%
T829		94	0%
T830		1	0%
T832		1	0%
T835		1	0%
T839		3	0%
T840		2	0%
T841		2	0%
T842		1	0%
T844		1	0%
T845		3	0%
T846		1	0%
T848		14	0%
T849		21	0%
T851		2	0%
T856		2	0%
T857		4	0%
T858		9	0%
T859		41	0%
T86		1	0%
T860		4	0%
T861		11	0%
T862		2	0%
T863		5	0%
T864		3	0%
T868		9	0%
T869		15	0%
T871		1	0%
T872		1	0%
T874		6	0%
T876		225	0%
T88		1	0%
T884		1	0%
T885		3	0%
T887		19	0%
T888		65	0%
T889		25	0%

T905		1	0%
T909		3	0%
T918		1	0%
T941		7	0%
T98		1	0%
T983		3	0%

CAUSEC: Third condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

INJURYC: Injury codes for the third condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		146617	21.7%
888		525910	77.9%
S002		1	0%
S019		5	0%
S021		1	0%
S029		8	0%
S062		1	0%
S065		9	0%
S068		2	0%
S069		53	0%
S099		72	0%
S127		1	0%
S129		7	0%
S141		2	0%
S199		3	0%

S212		3	0%
S219		10	0%
S220		2	0%
S223		9	0%
S229		1	0%
S273		2	0%
S277		3	0%
S278		3	0%
S298		1	0%
S299		5	0%
S310		1	0%
S318		25	0%
S320		1	0%
S321		1	0%
S323		1	0%
S324		1	0%
S325		1	0%
S328		7	0%
S344		1	0%
S360		1	0%
S361		4	0%
S369		1	0%
S370		4	0%
S376		1	0%
S399		4	0%
S423		15	0%
S424		1	0%
S429		1	0%
S430		1	0%
S499		2	0%
S528		1	0%
S599		1	0%
S720		183	0%
S721		21	0%
S722		1	0%
S723		1	0%
S729		143	0%
S730		4	0%
S780		1	0%

S799		3	0%
S820		1	0%
S822		12	0%
S824		1	0%
S828		8	0%
S829		2	0%
S831		2	0%
S880		2	0%
S897		1	0%
S898		1	0%
S899		3	0%
S913		1	0%
S921		1	0%
S929		1	0%
S999		1	0%
T018		2	0%
T019		3	0%
T028		7	0%
T029		4	0%
T068		10	0%
T07		21	0%
T08		9	0%
T093		15	0%
T094		1	0%
T12		4	0%
T135		1	0%
T139		1	0%
T140		1	0%
T141		9	0%
T142		6	0%
T144		1	0%
T149		67	0%
T178		1	0%
T179		49	0%
T189		1	0%
T240		1	0%
T293		1	0%
T30		1	0%
T300		81	0%

T301		1	0%
T311		2	0%
T312		1	0%
T313		1	0%
T319		1	0%
T360		3	0%
T367		1	0%
T375		6	0%
T385		1	0%
T390		1	0%
T391		2	0%
T393		7	0%
T401		4	0%
T402		3	0%
T406		2	0%
T407		3	0%
T414		2	0%
T420		1	0%
T432		1	0%
T436		2	0%
T451		5	0%
T455		66	0%
T472		1	0%
T474		3	0%
T476		1	0%
T486		1	0%
T509		42	0%
T510		7	0%
T511		2	0%
T519		9	0%
T520		4	0%
T543		1	0%
T549		2	0%
T568		1	0%
T58		3	0%
T597		1	0%
T598		1	0%
T600		15	0%
T609		1	0%

T620		1	0%
T622		177	0%
T628		10	0%
T629		2	0%
T630		1	0%
T633		3	0%
T639		1	0%
T658		42	0%
T659		25	0%
T66		1	0%
T68		12	0%
T71		14	0%
T730		5	0%
T740		22	0%
T742		2	0%
T749		1	0%
T751		3	0%
T754		2	0%
T782		2	0%
T783		4	0%
T784		3	0%
T791		2	0%
T793		1	0%
T795		1	0%
T809		10	0%
T818		95	0%
T819		124	0%
T820		11	0%
T821		23	0%
T822		4	0%
T823		2	0%
T825		4	0%
T827		1	0%
T828		17	0%
T829		80	0%
T832		1	0%
T838		2	0%
T840		2	0%
T841		1	0%

T848		9	0%
T849		14	0%
T850		1	0%
T852		1	0%
T857		1	0%
T858		5	0%
T859		31	0%
T860		3	0%
T861		11	0%
T862		2	0%
T863		2	0%
T864		5	0%
T868		5	0%
T869		12	0%
T875		2	0%
T876		134	0%
T881		1	0%
T884		1	0%
T887		12	0%
T888		52	0%
T889		19	0%
T905		1	0%
T908		1	0%
T909		3	0%
T918		2	0%
T941		5	0%
T983		3	0%

CAUSED: Fourth condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

INJURYD: Injury codes for fourth condition leading to death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		54607	8.1%
888		619308	91.8%
S021		1	0%
S029		2	0%
S062		1	0%
S065		3	0%
S069		18	0%
S099		18	0%
S129		1	0%
S131		1	0%
S199		1	0%
S212		3	0%
S220		1	0%
S223		3	0%
S224		1	0%
S269		3	0%
S318		2	0%
S324		1	0%
S328		7	0%
S361		1	0%
S370		1	0%
S373		1	0%
S399		3	0%
S423		5	0%
S430		1	0%
S520		1	0%
S522		1	0%
S720		58	0%
S721		6	0%
S722		3	0%
S723		1	0%
S729		47	0%

S799		1	0%
S810		1	0%
S821		1	0%
S822		3	0%
S828		4	0%
S829		1	0%
S880		3	0%
S889		1	0%
S899		1	0%
S929		1	0%
S981		1	0%
S999		1	0%
T018		1	0%
T028		1	0%
T029		4	0%
T07		2	0%
T08		5	0%
T093		4	0%
T140		1	0%
T141		3	0%
T142		3	0%
T144		1	0%
T149		23	0%
T179		9	0%
T189		1	0%
T220		1	0%
T240		1	0%
T300		14	0%
T301		1	0%
T310		2	0%
T314		1	0%
T320		1	0%
T360		1	0%
T375		1	0%
T380		1	0%
T390		1	0%
T391		2	0%
T393		4	0%
T401		3	0%

T407		3	0%
T414		1	0%
T421		1	0%
T436		1	0%
T445		1	0%
T451		1	0%
T455		42	0%
T472		1	0%
T474		1	0%
T501		1	0%
T509		24	0%
T510		2	0%
T519		4	0%
T528		1	0%
T568		1	0%
T600		1	0%
T622		56	0%
T628		7	0%
T658		21	0%
T659		11	0%
T68		8	0%
T698		1	0%
T703		1	0%
T71		1	0%
T740		4	0%
T742		1	0%
T791		1	0%
T809		6	0%
T810		1	0%
T818		43	0%
T819		68	0%
T820		4	0%
T821		15	0%
T822		1	0%
T826		1	0%
T828		5	0%
T829		51	0%
T835		1	0%
T839		1	0%

T845		1	0%
T848		3	0%
T849		7	0%
T851		1	0%
T857		1	0%
T858		3	0%
T859		10	0%
T860		2	0%
T861		13	0%
T862		1	0%
T863		4	0%
T869		2	0%
T874		1	0%
T875		1	0%
T876		54	0%
T887		2	0%
T888		23	0%
T889		6	0%
T905		2	0%
T909		1	0%
T919		1	0%
T941		2	0%
T983		3	0%

PART2CAUSE: Cause provided on part 2 of the death notification form

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
888		660941	98%
A047		1	0%
A072		1	0%
A090		15	0%

A099		51	0%
A162		126	0%
A165		1	0%
A169		40	0%
A170		7	0%
A180		4	0%
A182		1	0%
A183		6	0%
A188		2	0%
A199		37	0%
A310		1	0%
A412		2	0%
A415		1	0%
A418		3	0%
A419		198	0%
A490		1	0%
A498		1	0%
A499		2	0%
A539		8	0%
A600		1	0%
A64		1	0%
A803		1	0%
A879		1	0%
A938		1	0%
B009		1	0%
B018		1	0%
B029		2	0%
B07		1	0%
B169		14	0%
B179		2	0%
B181		4	0%
B182		4	0%
B222		1	0%
B24		644	0.1%
B333		591	0.1%
B349		2	0%
B370		17	0%
B377		1	0%
B378		3	0%

B379		4	0%
B451		8	0%
B459		6	0%
B49		2	0%
B54		2	0%
B59		19	0%
B690		2	0%
B86		2	0%
B90		1	0%
B902		4	0%
B909		62	0%
B99		6	0%
C029		1	0%
C159		10	0%
C169		4	0%
C180		1	0%
C189		21	0%
C19		2	0%
C20		2	0%
C220		2	0%
C221		4	0%
C229		3	0%
C23		1	0%
C250		1	0%
C259		10	0%
C260		3	0%
C269		1	0%
C329		1	0%
C341		1	0%
C349		22	0%
C384		1	0%
C411		1	0%
C419		1	0%
C439		4	0%
C449		7	0%
C459		1	0%
C461		1	0%
C467		1	0%
C469		12	0%

C509		44	0%
C52		1	0%
C530		1	0%
C539		16	0%
C541		4	0%
C55		3	0%
C56		4	0%
C609		1	0%
C61		60	0%
C64		5	0%
C679		11	0%
C680		1	0%
C719		1	0%
C73		1	0%
C749		1	0%
C759		1	0%
C760		1	0%
C762		1	0%
C763		1	0%
C780		8	0%
C782		2	0%
C787		13	0%
C788		1	0%
C790		1	0%
C793		3	0%
C795		5	0%
C798		1	0%
C799		49	0%
C800		3	0%
C809		52	0%
C819		3	0%
C829		1	0%
C835		1	0%
C851		1	0%
C859		14	0%
C900		11	0%
C911		1	0%
C915		1	0%
C921		1	0%

C929		1	0%
C959		4	0%
C969		1	0%
D180		1	0%
D329		4	0%
D369		2	0%
D379		1	0%
D381		1	0%
D385		1	0%
D391		1	0%
D410		1	0%
D432		5	0%
D442		1	0%
D444		1	0%
D469		4	0%
D473		1	0%
D508		5	0%
D509		8	0%
D529		1	0%
D539		1	0%
D589		1	0%
D593		1	0%
D610		8	0%
D619		33	0%
D638		3	0%
D649		220	0%
D65		8	0%
D686		1	0%
D689		3	0%
D693		1	0%
D696		29	0%
D70		5	0%
D751		1	0%
D849		57	0%
D89		5	0%
D893		1	0%
D899		40	0%
E039		72	0%
E041		1	0%

E050		3	0%
E059		12	0%
E079		2	0%
E109		10	0%
E11		1	0%
E110		1	0%
E117		1	0%
E119		277	0%
E140		1	0%
E141		13	0%
E142		2	0%
E143		1	0%
E145		2	0%
E147		1	0%
E149		1504	0.2%
E15		2	0%
E162		43	0%
E209		1	0%
E213		2	0%
E222		1	0%
E230		2	0%
E279		1	0%
E41		1	0%
E43		12	0%
E46		26	0%
E538		15	0%
E559		1	0%
E611		4	0%
E662		1	0%
E668		60	0%
E669		185	0%
E722		1	0%
E780		83	0%
E785		43	0%
E789		155	0%
E801		1	0%
E831		1	0%
E835		5	0%
E86		36	0%

E870		33	0%
E871		20	0%
E872		40	0%
E875		13	0%
E876		18	0%
E877		1	0%
E878		33	0%
E880		8	0%
E883		1	0%
E888		24	0%
E889		12	0%
F011		4	0%
F019		26	0%
F03		132	0%
F059		12	0%
F061		1	0%
F100		1	0%
F101		23	0%
F102		11	0%
F106		2	0%
F109		3	0%
F171		24	0%
F172		21	0%
F179		136	0%
F191		27	0%
F192		17	0%
F199		6	0%
F205		15	0%
F209		11	0%
F239		1	0%
F29		2	0%
F319		8	0%
F329		16	0%
F339		2	0%
F419		1	0%
F431		1	0%
F79		2	0%
F819		2	0%
F99		1	0%

G009		1	0%
G031		1	0%
G039		9	0%
G049		1	0%
G060		1	0%
G122		1	0%
G20		27	0%
G255		1	0%
G309		18	0%
G311		1	0%
G319		3	0%
G360		1	0%
G373		1	0%
G402		1	0%
G409		152	0%
G419		3	0%
G459		5	0%
G473		18	0%
G600		1	0%
G629		14	0%
G700		3	0%
G710		1	0%
G729		1	0%
G801		2	0%
G809		12	0%
G819		11	0%
G822		13	0%
G825		2	0%
G839		3	0%
G919		6	0%
G931		2	0%
G934		17	0%
G936		2	0%
G939		2	0%
G958		1	0%
G959		2	0%
H160		1	0%
H309		1	0%
H350		1	0%

H352		1	0%
H409		3	0%
H444		1	0%
H540		1	0%
H549		3	0%
I050		2	0%
I059		3	0%
I071		1	0%
I099		4	0%
I10		2181	0.3%
I110		4	0%
I119		23	0%
I120		6	0%
I129		3	0%
I139		1	0%
I200		1	0%
I209		4	0%
I21		4	0%
I210		1	0%
I214		1	0%
I219		33	0%
I251		18	0%
I255		2	0%
I258		2	0%
I259		173	0%
I269		41	0%
I272		10	0%
I279		37	0%
I311		1	0%
I313		3	0%
I330		3	0%
I340		5	0%
I350		8	0%
I351		2	0%
I359		2	0%
I38		14	0%
I420		32	0%
I429		17	0%
I441		1	0%

I447		1	0%
I459		1	0%
I469		43	0%
I471		1	0%
I472		2	0%
I48		55	0%
I489		72	0%
I495		1	0%
I499		19	0%
I500		165	0%
I501		2	0%
I509		83	0%
I514		5	0%
I516		4	0%
I518		2	0%
I519		21	0%
I619		8	0%
I620		3	0%
I629		3	0%
I632		1	0%
I636		1	0%
I639		6	0%
I64		311	0%
I663		1	0%
I678		1	0%
I679		8	0%
I694		48	0%
I700		1	0%
I701		1	0%
I709		12	0%
I714		2	0%
I719		1	0%
I730		1	0%
I739		75	0%
I749		6	0%
I771		2	0%
I776		1	0%
I779		4	0%
I802		50	0%

I809		1	0%
I820		1	0%
I829		1	0%
I830		6	0%
I839		2	0%
I849		2	0%
I859		3	0%
I871		1	0%
I872		2	0%
I878		1	0%
I890		1	0%
I959		13	0%
I99		8	0%
J069		3	0%
J150		3	0%
J159		2	0%
J173		4	0%
J180		6	0%
J181		2	0%
J189		452	0.1%
J219		1	0%
J22		64	0%
J329		1	0%
J351		1	0%
J353		1	0%
J380		1	0%
J390		1	0%
J42		5	0%
J439		12	0%
J449		230	0%
J459		136	0%
J46		1	0%
J47		20	0%
J628		1	0%
J690		9	0%
J698		1	0%
J80		28	0%
J81		17	0%
J841		12	0%

J849		6	0%
J860		1	0%
J869		3	0%
J90		18	0%
J929		1	0%
J930		2	0%
J939		9	0%
J969		44	0%
J980		1	0%
J981		1	0%
J982		1	0%
J984		22	0%
J988		3	0%
K219		5	0%
K221		1	0%
K222		1	0%
K259		1	0%
K260		1	0%
K274		1	0%
K275		3	0%
K277		1	0%
K279		39	0%
K295		3	0%
K296		2	0%
K297		9	0%
K311		2	0%
K353		1	0%
K409		2	0%
K432		2	0%
K439		1	0%
K449		4	0%
K460		1	0%
K469		4	0%
K509		4	0%
K529		4	0%
K552		1	0%
K559		1	0%
K564		2	0%
K566		12	0%

K567		2	0%
K578		1	0%
K579		6	0%
K590		1	0%
K604		1	0%
K610		1	0%
K625		2	0%
K631		1	0%
K650		1	0%
K704		1	0%
K709		2	0%
K711		5	0%
K716		1	0%
K719		1	0%
K720		2	0%
K729		32	0%
K740		1	0%
K746		16	0%
K759		10	0%
K766		5	0%
K767		5	0%
K768		7	0%
K769		17	0%
K802		6	0%
K805		1	0%
K819		1	0%
K830		3	0%
K831		5	0%
K839		1	0%
K859		9	0%
K861		2	0%
K869		1	0%
K919		2	0%
K920		2	0%
K922		35	0%
L023		1	0%
L024		2	0%
L029		2	0%
L030		1	0%

L031		6	0%
L039		8	0%
L089		1	0%
L120		1	0%
L129		1	0%
L139		1	0%
L309		5	0%
L409		5	0%
L893		1	0%
L899		53	0%
L929		1	0%
L930		5	0%
L932		1	0%
L97		2	0%
L984		2	0%
M009		1	0%
M069		37	0%
M100		2	0%
M109		43	0%
M130		1	0%
M139		35	0%
M159		26	0%
M19		2	0%
M199		27	0%
M255		1	0%
M319		4	0%
M321		1	0%
M329		10	0%
M332		2	0%
M349		3	0%
M351		1	0%
M359		2	0%
M405		1	0%
M419		4	0%
M430		1	0%
M464		1	0%
M465		1	0%
M480		1	0%
M549		1	0%

M600		1	0%
M622		2	0%
M628		2	0%
M726		2	0%
M797		2	0%
M819		7	0%
M844		3	0%
M866		1	0%
M869		3	0%
M889		1	0%
M954		1	0%
N005		1	0%
N009		15	0%
N042		1	0%
N049		7	0%
N052		1	0%
N059		1	0%
N12		3	0%
N133		3	0%
N134		1	0%
N138		4	0%
N139		3	0%
N159		1	0%
N170		1	0%
N179		209	0%
N185		16	0%
N189		358	0.1%
N19		385	0.1%
N209		1	0%
N281		1	0%
N289		49	0%
N309		1	0%
N319		1	0%
N329		2	0%
N363		1	0%
N390		52	0%
N40		33	0%
N429		1	0%
N498		1	0%

N649		1	0%
N809		2	0%
N820		1	0%
N858		1	0%
N859		1	0%
N939		2	0%
O268		1	0%
O459		1	0%
O721		1	0%
O903		1	0%
O995		1	0%
P000		4	0%
P002		6	0%
P003		1	0%
P011		1	0%
P012		3	0%
P015		2	0%
P021		4	0%
P022		1	0%
P025		1	0%
P027		1	0%
P031		1	0%
P042		1	0%
P059		1	0%
P070		4	0%
P071		1	0%
P072		3	0%
P073		16	0%
P209		1	0%
P219		5	0%
P220		5	0%
P229		5	0%
P240		1	0%
P249		1	0%
P283		1	0%
P293		2	0%
P358		1	0%
P369		3	0%
P523		5	0%

P599		5	0%
P614		2	0%
P77		1	0%
P780		1	0%
P916		1	0%
P960		3	0%
Q02		1	0%
Q038		1	0%
Q039		1	0%
Q042		2	0%
Q059		2	0%
Q070		1	0%
Q210		2	0%
Q211		2	0%
Q212		1	0%
Q224		1	0%
Q249		5	0%
Q250		3	0%
Q253		1	0%
Q255		1	0%
Q256		1	0%
Q359		2	0%
Q423		1	0%
Q446		1	0%
Q447		1	0%
Q612		1	0%
Q613		1	0%
Q619		1	0%
Q639		3	0%
Q675		1	0%
Q699		1	0%
Q788		1	0%
Q793		2	0%
Q868		4	0%
Q870		1	0%
Q871		1	0%
Q897		1	0%
Q909		9	0%
Q913		2	0%

Q929		1	0%
R092		2	0%
R100		1	0%
R11		1	0%
R18		1	0%
R268		2	0%
R33		1	0%
R392		1	0%
R54		2	0%
R568		1	0%
R58		1	0%
R739		2	0%
U071		301	0%
U072		5	0%
U51		4	0%
V892		5	0%
V899		2	0%
W19		2	0%
W54		1	0%
W77		1	0%
W80		3	0%
X23		1	0%
X44		1	0%
X49		17	0%
X590		43	0%
X599		12	0%
X99		2	0%
Y069		1	0%
Y11		1	0%
Y12		1	0%
Y14		3	0%
Y19		2	0%
Y33		1	0%
Y431		1	0%
Y442		14	0%
Y453		1	0%
Y520		1	0%
Y579		1	0%
Y830		2	0%

Y831		25	0%
Y832		11	0%
Y833		2	0%
Y834		1	0%
Y835		21	0%
Y836		11	0%
Y838		11	0%
Y839		19	0%
Y841		3	0%
Y842		4	0%
Y872		1	0%
Y881		1	0%
Y883		2	0%

PART2INJURY: Injury codes for cause on part 2

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		13589	2%
888		660941	98%
S010		1	0%
S029		1	0%
S069		2	0%
S099		4	0%
S273		1	0%
S299		1	0%
S328		2	0%
S369		1	0%
S399		1	0%
S423		2	0%
S599		1	0%
S628		1	0%

S720		15	0%
S721		2	0%
S729		17	0%
S799		1	0%
S822		1	0%
T019		1	0%
T068		2	0%
T130		1	0%
T141		1	0%
T142		1	0%
T149		6	0%
T179		3	0%
T393		1	0%
T407		1	0%
T424		1	0%
T451		1	0%
T455		14	0%
T460		1	0%
T508		1	0%
T509		4	0%
T622		9	0%
T628		1	0%
T634		1	0%
T658		3	0%
T659		6	0%
T66		1	0%
T71		1	0%
T740		2	0%
T809		2	0%
T818		15	0%
T819		22	0%
T821		8	0%
T822		1	0%
T827		1	0%
T828		4	0%
T829		19	0%
T848		3	0%
T849		1	0%
T857		1	0%

T859		2	0%
T860		1	0%
T861		2	0%
T868		1	0%
T876		22	0%
T887		3	0%
T888		3	0%
T941		1	0%
T983		2	0%

UNDERLYINGCAUSE: Underlying cause of death

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

UNDERLYINGBROADGRP: UnderlyingBroadGrp

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
A00-A09		7287	1.1%
A15-A19		20166	3%
A20-A28		2	0%
A30-A49		5903	0.9%
A50-A64		130	0%
A75-A79		6	0%
A80-A89		91	0%
A92-A99		1	0%
B00-B09		67	0%
B15-B19		237	0%
B20-B24		25817	3.8%
B25-B34		14412	2.1%

B35-B49		470	0.1%
B50-B64		970	0.1%
B65-B83		65	0%
B85-B89		2	0%
B90-B94		815	0.1%
B99		62	0%
C00-C14		1100	0.2%
C15-C26		10545	1.6%
C30-C39		5934	0.9%
C40-C41		134	0%
C43-C44		890	0.1%
C45-C49		603	0.1%
C50		4241	0.6%
C51-C58		5351	0.8%
C60-C63		4158	0.6%
C64-C68		1072	0.2%
C69-C72		798	0.1%
C73-C75		276	0%
C76-C80		4537	0.7%
C81-C96		2963	0.4%
C97		199	0%
D00-D09		10	0%
D10-D36		232	0%
D37-D48		960	0.1%
D50-D53		104	0%
D55-D59		39	0%
D60-D64		1940	0.3%
D65-D69		392	0.1%
D70-D77		84	0%
D80-D89		3884	0.6%
E00-E07		474	0.1%
E10-E14		39473	5.8%
E15-E16		1162	0.2%
E20-E35		70	0%
E40-E46		872	0.1%
E50-E64		105	0%
E65-E68		516	0.1%
E70-E90		3717	0.6%
F00-F09		1237	0.2%

F10-F19		751	0.1%
F20-F29		258	0%
F30-F39		87	0%
F40-F48		14	0%
F50-F59		9	0%
F70-F79		41	0%
F80-F89		9	0%
F99		20	0%
G00-G09		1815	0.3%
G10-G14		215	0%
G20-G26		475	0.1%
G30-G32		746	0.1%
G35-G37		85	0%
G40-G47		4374	0.6%
G50-G59		2	0%
G60-G64		126	0%
G70-G73		113	0%
G80-G83		946	0.1%
G90-G99		928	0.1%
H00-H06		6	0%
H15-H22		1	0%
H25-H28		5	0%
H40-H42		8	0%
H43-H45		11	0%
H53-H54		8	0%
H55-H59		2	0%
H65-H75		35	0%
H90-H95		2	0%
I00-I02		6	0%
I05-I09		287	0%
I10-I15		32303	4.8%
I20-I25		15487	2.3%
I26-I28		2897	0.4%
I30-I52		14932	2.2%
I60-I69		29956	4.4%
I70-I79		1447	0.2%
I80-I89		678	0.1%
I95-I99		177	0%
J00-J06		269	0%

J09-J18		22663	3.4%
J20-J22		6594	1%
J30-J39		79	0%
J40-J47		13390	2%
J60-J70		784	0.1%
J80-J84		2279	0.3%
J85-J86		191	0%
J90-J94		321	0%
J95-J99		5055	0.7%
K00-K14	K00-K14	78	0%
K20-K31		2699	0.4%
K35-K38		188	0%
K40-K46		309	0%
K50-K52		298	0%
K55-K64		1757	0.3%
K65-K67		182	0%
K70-K77		3472	0.5%
K80-K87	K80-K87	1264	0.2%
K90-K93		1294	0.2%
L00-L08		402	0.1%
L10-L14		27	0%
L20-L30		22	0%
L40-L45		5	0%
L50-L54		66	0%
L60-L75		2	0%
L80-L99		878	0.1%
M00-M25		1319	0.2%
M30-M36		591	0.1%
M40-M54		76	0%
M60-M79	M60-M79	323	0%
M80-M94		109	0%
N00-N08	N00-N08	222	0%
N10-N16		300	0%
N17-N19	N17-N19	8883	1.3%
N20-N23		10	0%
N25-N29		338	0.1%
N30-N39		551	0.1%
N40-N51		443	0.1%
N60-N64		29	0%

N70-N77		41	0%
N80-N98		159	0%
O00-O08		113	0%
O10-O16		187	0%
O20-O29		24	0%
O30-O48		47	0%
O60-O75		174	0%
O85-O92		108	0%
O94-O99		130	0%
P00-P04		4492	0.7%
P05-P08		1906	0.3%
P10-P15		9	0%
P20-P29		3455	0.5%
P35-P39		1287	0.2%
P50-P61		481	0.1%
P70-P74	P70-P74	75	0%
P75-P78		625	0.1%
P80-P83		107	0%
P90-P96		12881	1.9%
Q00-Q07		383	0.1%
Q10-Q18		8	0%
Q20-Q28		934	0.1%
Q30-Q34	Q30-Q34	59	0%
Q35-Q37		14	0%
Q38-Q45		239	0%
Q50-Q56		8	0%
Q60-Q64		114	0%
Q65-Q79		192	0%
Q80-Q89		705	0.1%
Q90-Q99		603	0.1%
R00-R09		1672	0.2%
R10-R19		117	0%
R20-R23		6	0%
R25-R29		2	0%
R30-R39	R30-R39	6	0%
R40-R46		7	0%
R47-R49		1	0%
R50-R69		3268	0.5%
R70-R79		64	0%

R90-R94		5	0%
R95-R99		118100	17.5%
U07		95716	14.2%
V01-V99		6747	1%
W00-X59		43818	6.5%
X60-X84		612	0.1%
X85-Y09		7155	1.1%
Y10-Y34		4322	0.6%
Y40-Y84		1888	0.3%
Y85-Y89		96	0%

UNDERLYINGMAINGRP: UnderlyingMainGrp

Data file: mcd-2021-causes

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
A00-B99		76503	11.3%
C00-D48		44003	6.5%
D50-D89		6443	1%
E00-E90		46389	6.9%
F00-F99		2426	0.4%
G00-G99		9825	1.5%
H00-H59		41	0%
H60-H95		37	0%
I00-I99		98170	14.5%
J00-J99		51625	7.7%
K00-K93		11541	1.7%
L00-L99		1402	0.2%
M00-M99		2418	0.4%
N00-N99		10976	1.6%
O00-O99		783	0.1%
P00-P96		25318	3.8%
Q00-Q99		3259	0.5%

R00-R99		123248	18.3%
U07		95716	14.2%
V01-Y98		64638	9.6%

SERIALNO: Serial number**Data file: mcd-2021-dates****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

DEATHYEAR: Death year**Data file: mcd-2021-dates****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 1997 - 2021 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1997	1997	159	0%
1998	1998	226	0%
1999	1999	215	0%
2000	2000	147	0%
2001	2001	153	0%
2002	2002	174	0%
2003	2003	189	0%
2004	2004	164	0%
2005	2005	146	0%
2006	2006	150	0%
2007	2007	137	0%
2008	2008	129	0%
2009	2009	132	0%
2010	2010	802	0.1%
2011	2011	1458	0.2%
2012	2012	1465	0.2%
2013	2013	1268	0.2%
2014	2014	1277	0.2%
2015	2015	1966	0.3%
2016	2016	1606	0.2%
2017	2017	1900	0.3%
2018	2018	3258	0.5%
2019	2019	3554	0.5%

2020	2020	23594	3.5%
2021	2021	630492	93.4%

DEATHMONTH: Death month

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	83303	12.3%
2	2	44550	6.6%
3	3	44105	6.5%
4	4	44191	6.5%
5	5	50207	7.4%
6	6	60702	9%
7	7	81699	12.1%
8	8	66020	9.8%
9	9	51355	7.6%
10	10	46726	6.9%
11	11	45728	6.8%
12	12	56175	8.3%

DEATHDAY: Death day

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	22403	3.3%
2	2	22376	3.3%

3	3	22678	3.4%
4	4	22607	3.4%
5	5	22819	3.4%
6	6	22857	3.4%
7	7	22937	3.4%
8	8	22615	3.4%
9	9	22257	3.3%
10	10	22705	3.4%
11	11	23072	3.4%
12	12	23015	3.4%
13	13	22736	3.4%
14	14	22794	3.4%
15	15	22575	3.3%
16	16	21953	3.3%
17	17	21939	3.3%
18	18	21747	3.2%
19	19	21695	3.2%
20	20	21890	3.2%
21	21	23582	3.5%
22	22	20940	3.1%
23	23	21689	3.2%
24	24	20908	3.1%
25	25	21509	3.2%
26	26	21493	3.2%
27	27	21454	3.2%
28	28	21188	3.1%
29	29	19867	2.9%
30	30	19730	2.9%
31	31	12731	1.9%

BIRTHYEAR: Birth year

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 1900 - 2021 Format: Numeric

Questions and instructions

Value	Category	Cases	
1900	1900	5	0%
1901	1901	4	0%
1902	1902	10	0%
1903	1903	9	0%
1904	1904	14	0%
1905	1905	7	0%
1906	1906	10	0%
1907	1907	14	0%
1908	1908	10	0%
1909	1909	24	0%
1910	1910	66	0%
1911	1911	40	0%
1912	1912	75	0%
1913	1913	43	0%
1914	1914	162	0%
1915	1915	74	0%
1916	1916	115	0%
1917	1917	103	0%
1918	1918	491	0.1%
1919	1919	469	0.1%
1920	1920	1466	0.2%
1921	1921	1291	0.2%
1922	1922	854	0.1%
1923	1923	986	0.1%
1924	1924	1554	0.2%
1925	1925	1843	0.3%
1926	1926	2224	0.3%
1927	1927	2632	0.4%
1928	1928	3428	0.5%
1929	1929	4142	0.6%
1930	1930	6226	0.9%
1931	1931	3958	0.6%
1932	1932	5583	0.8%
1933	1933	5730	0.8%
1934	1934	6172	0.9%
1935	1935	6588	1%
1936	1936	8102	1.2%
1937	1937	7363	1.1%

1938	1938	8710	1.3%
1939	1939	9120	1.4%
1940	1940	12111	1.8%
1941	1941	8522	1.3%
1942	1942	11002	1.6%
1943	1943	9527	1.4%
1944	1944	9774	1.4%
1945	1945	10356	1.5%
1946	1946	10778	1.6%
1947	1947	11450	1.7%
1948	1948	12448	1.8%
1949	1949	12430	1.8%
1950	1950	13777	2%
1951	1951	10926	1.6%
1952	1952	14059	2.1%
1953	1953	12644	1.9%
1954	1954	12822	1.9%
1955	1955	12235	1.8%
1956	1956	12739	1.9%
1957	1957	12330	1.8%
1958	1958	13375	2%
1959	1959	11676	1.7%
1960	1960	12216	1.8%
1961	1961	10289	1.5%
1962	1962	12280	1.8%
1963	1963	11628	1.7%
1964	1964	10722	1.6%
1965	1965	9752	1.4%
1966	1966	9055	1.3%
1967	1967	8228	1.2%
1968	1968	9390	1.4%
1969	1969	8309	1.2%
1970	1970	8691	1.3%
1971	1971	6866	1%
1972	1972	8535	1.3%
1973	1973	7453	1.1%
1974	1974	7638	1.1%
1975	1975	7640	1.1%
1976	1976	7171	1.1%

1977	1977	7028	1%
1978	1978	6479	1%
1979	1979	7087	1.1%
1980	1980	7316	1.1%
1981	1981	6540	1%
1982	1982	7463	1.1%
1983	1983	7127	1.1%
1984	1984	7082	1%
1985	1985	7121	1.1%
1986	1986	6555	1%
1987	1987	6169	0.9%
1988	1988	6098	0.9%
1989	1989	5929	0.9%
1990	1990	5701	0.8%
1991	1991	5216	0.8%
1992	1992	5079	0.8%
1993	1993	4705	0.7%
1994	1994	4498	0.7%
1995	1995	3829	0.6%
1996	1996	3786	0.6%
1997	1997	3293	0.5%
1998	1998	2878	0.4%
1999	1999	2603	0.4%
2000	2000	2551	0.4%
2001	2001	2003	0.3%
2002	2002	1705	0.3%
2003	2003	1452	0.2%
2004	2004	1422	0.2%
2005	2005	1299	0.2%
2006	2006	1087	0.2%
2007	2007	922	0.1%
2008	2008	828	0.1%
2009	2009	705	0.1%
2010	2010	615	0.1%
2011	2011	672	0.1%
2012	2012	622	0.1%
2013	2013	609	0.1%
2014	2014	671	0.1%
2015	2015	655	0.1%

2016	2016	719	0.1%
2017	2017	881	0.1%
2018	2018	1396	0.2%
2019	2019	2444	0.4%
2020	2020	7183	1.1%
2021	2021	34177	5.1%

BIRTHMONTH: Birth month

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	66710	9.9%
2	2	52807	7.8%
3	3	60298	8.9%
4	4	55822	8.3%
5	5	54240	8%
6	6	63577	9.4%
7	7	52884	7.8%
8	8	54461	8.1%
9	9	55311	8.2%
10	10	53559	7.9%
11	11	49582	7.3%
12	12	55510	8.2%

BIRTHDAY: Birth day

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	35016	5.2%
2	2	25896	3.8%
3	3	25274	3.7%
4	4	24544	3.6%
5	5	24410	3.6%
6	6	25283	3.7%
7	7	22740	3.4%
8	8	21917	3.2%
9	9	20483	3%
10	10	29107	4.3%
11	11	22323	3.3%
12	12	25898	3.8%
13	13	19593	2.9%
14	14	20762	3.1%
15	15	24787	3.7%
16	16	23295	3.5%
17	17	19843	2.9%
18	18	19625	2.9%
19	19	18366	2.7%
20	20	22698	3.4%
21	21	19273	2.9%
22	22	19075	2.8%
23	23	19307	2.9%
24	24	20340	3%
25	25	23257	3.4%
26	26	19265	2.9%
27	27	19384	2.9%
28	28	20918	3.1%
29	29	16803	2.5%
30	30	16163	2.4%
31	31	9116	1.4%

REGISTRATIONYEAR: Registration year

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 2000 - 2024 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2000	2000	1	0%
2001	2001	1	0%
2002	2002	1	0%
2005	2005	3	0%
2008	2008	2	0%
2009	2009	2	0%
2010	2010	592	0.1%
2011	2011	1200	0.2%
2012	2012	1189	0.2%
2013	2013	1155	0.2%
2014	2014	1167	0.2%
2015	2015	1866	0.3%
2016	2016	1474	0.2%
2017	2017	1840	0.3%
2018	2018	3276	0.5%
2019	2019	3888	0.6%
2020	2020	22156	3.3%
2021	2021	628085	93.1%
2022	2022	5948	0.9%
2023	2023	845	0.1%
2024	2024	70	0%

REGISTRATIONMONTH: Registration month

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	80044	11.9%
2	2	45509	6.7%
3	3	46214	6.8%
4	4	43490	6.4%
5	5	48954	7.3%
6	6	60408	9%
7	7	79469	11.8%
8	8	69124	10.2%
9	9	53559	7.9%
10	10	44546	6.6%
11	11	47762	7.1%
12	12	55682	8.3%

REGISTRATIONDAY: Registration day

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	20113	3%
2	2	21764	3.2%
3	3	21335	3.2%
4	4	22886	3.4%
5	5	21144	3.1%
6	6	26098	3.9%
7	7	21896	3.2%
8	8	26910	4%
9	9	18328	2.7%
10	10	21854	3.2%
11	11	23813	3.5%
12	12	24208	3.6%
13	13	22761	3.4%
14	14	21345	3.2%

15	15	26380	3.9%
16	16	18777	2.8%
17	17	21037	3.1%
18	18	23018	3.4%
19	19	24701	3.7%
20	20	23063	3.4%
21	21	21809	3.2%
22	22	22222	3.3%
23	23	23025	3.4%
24	24	16741	2.5%
25	25	20805	3.1%
26	26	22723	3.4%
27	27	17448	2.6%
28	28	25138	3.7%
29	29	22788	3.4%
30	30	19886	2.9%
31	31	10745	1.6%

PROCESSINGYEAR: Processing year

Data file: mcd-2021-dates

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 2021 - 2021 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2021	2021	674761	100%

SERIALNO: Serial number

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

DEATHTYPE: Death type (Individual death/Stillbirth)

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Individual death	657471	97.4%
2	Stillbirth	17290	2.6%

AGEYEAR: Age in completed years

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 121 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	40624	6%
1	1	3301	0.5%
2	2	1614	0.2%
3	3	993	0.1%
4	4	709	0.1%
5	5	667	0.1%
6	6	611	0.1%
7	7	582	0.1%
8	8	602	0.1%

9	9	594	0.1%
10	10	592	0.1%
11	11	590	0.1%
12	12	722	0.1%
13	13	861	0.1%
14	14	977	0.1%
15	15	1201	0.2%
16	16	1330	0.2%
17	17	1502	0.2%
18	18	1554	0.2%
19	19	1864	0.3%
20	20	2269	0.3%
21	21	2682	0.4%
22	22	2814	0.4%
23	23	3179	0.5%
24	24	3621	0.5%
25	25	3906	0.6%
26	26	4269	0.6%
27	27	4787	0.7%
28	28	4927	0.7%
29	29	5233	0.8%
30	30	5560	0.8%
31	31	6001	0.9%
32	32	6097	0.9%
33	33	6203	0.9%
34	34	6452	1%
35	35	6829	1%
36	36	7247	1.1%
37	37	7088	1.1%
38	38	7276	1.1%
39	39	7102	1.1%
40	40	6762	1%
41	41	7372	1.1%
42	42	6729	1%
43	43	6782	1%
44	44	7048	1%
45	45	7511	1.1%
46	46	7646	1.1%
47	47	7593	1.1%

48	48	7951	1.2%
49	49	7843	1.2%
50	50	7751	1.1%
51	51	8554	1.3%
52	52	8877	1.3%
53	53	8815	1.3%
54	54	8888	1.3%
55	55	9400	1.4%
56	56	10276	1.5%
57	57	11307	1.7%
58	58	11869	1.8%
59	59	11363	1.7%
60	60	11381	1.7%
61	61	12077	1.8%
62	62	12595	1.9%
63	63	12652	1.9%
64	64	12522	1.9%
65	65	12667	1.9%
66	66	12638	1.9%
67	67	12620	1.9%
68	68	13289	2%
69	69	12210	1.8%
70	70	12487	1.9%
71	71	13051	1.9%
72	72	12360	1.8%
73	73	11717	1.7%
74	74	11021	1.6%
75	75	10522	1.6%
76	76	10055	1.5%
77	77	9636	1.4%
78	78	10198	1.5%
79	79	9676	1.4%
80	80	10166	1.5%
81	81	10436	1.5%
82	82	8827	1.3%
83	83	7953	1.2%
84	84	7669	1.1%
85	85	7269	1.1%
86	86	6240	0.9%

87	87	5887	0.9%
88	88	5571	0.8%
89	89	4756	0.7%
90	90	5016	0.7%
91	91	5006	0.7%
92	92	3627	0.5%
93	93	2953	0.4%
94	94	2341	0.3%
95	95	1999	0.3%
96	96	1620	0.2%
97	97	1189	0.2%
98	98	877	0.1%
99	99	735	0.1%
100	100	1735	0.3%
101	101	830	0.1%
102	102	397	0.1%
103	103	274	0%
104	104	104	0%
105	105	69	0%
106	106	107	0%
107	107	95	0%
108	108	60	0%
109	109	45	0%
110	110	43	0%
111	111	37	0%
112	112	20	0%
113	113	8	0%
114	114	13	0%
115	115	9	0%
116	116	8	0%
117	117	13	0%
118	118	4	0%
119	119	7	0%
120	120	2	0%
121	121	1	0%

SEX: Sex of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	343881	51%
2	Female	330118	48.9%
3	Undeterminable	190	0%
9	Unspecified	572	0.1%

MSTATUS: Marital status of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Never married	222998	33%
2	Married	164780	24.4%
3	Widowed	71597	10.6%
4	Divorced	14372	2.1%
5	Not applicable	51479	7.6%
9	Unspecified	149535	22.2%

RELATIONSHIP: Relationship of informant to deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Parent	178514	26.5%
2	Spouse	55554	8.2%
3	Child	63533	9.4%
4	Other kin	250790	37.2%
5	Other	190	0%
9	Unspecified	126180	18.7%

EDUCODE: Education of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	35639	5.3%
1	Grade R	1412	0.2%
2	Sub A Gr 1	3562	0.5%
3	Sub B Gr 2	6583	1%
4	Std 1 Gr 3	7829	1.2%
5	Std 2 Gr 4	13236	2%
6	Std 3 Gr 5	12016	1.8%
7	Std 4 Gr 6	13591	2%
8	Std 5 Gr 7	21278	3.2%
9	Std 6 Gr 8	26899	4%
10	Std 7 Gr 9	14183	2.1%
11	Std 8 Gr 10 Form 3 NTC1	27987	4.1%
12	Std 9 Gr 11 Form 4 NTC2	18105	2.7%
13	Std 10 Gr 12 Form 5 NTC3	57003	8.4%
14	University / Technickon	19016	2.8%
97	Unknown	59719	8.9%
98	Not applicable	47241	7%
99	Unspecified	289462	42.9%

OCCUPATIONGRP: Groups of occupation of deceased**Data file: mcd-2021-deceased****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Occupations unspecified and not elsewhere specified and not economically active persons	20619	3.1%
1	Managers	5533	0.8%
2	Professionals	5090	0.8%
3	Technicians and associate professionals	6687	1%
4	Clerical support workers	6265	0.9%
5	Service and sales workers and armed forces	9251	1.4%
6	Skilled agricultural and fishery workers	1858	0.3%
7	Craft and related trade workers	7434	1.1%
8	Plant and machine operators and assemblers	419308	62.1%
9	Elementary occupations	138677	20.6%
99	Unspecified	54039	8%

INDUSTRY: Type of business / industry where the deceased was working**Data file: mcd-2021-deceased****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Private household, extraterritorial organisations, representatives of foreign governments & other activities not adequately defined	15156	2.2%
1	Agriculture, hunting, forestry and fishing	8059	1.2%
2	Mining and quarrying	4896	0.7%
3	Manufacturing	4815	0.7%
4	Electricity, gas and water supply	1999	0.3%
5	Construction	6041	0.9%

6	Wholesale and retail; repair of motor cycles and personal and household goods; hotels and restaurants	8228	1.2%
7	Transport storage and communication	5943	0.9%
8	Financial intermediation insurance, real estate and business services	3924	0.6%
9	Community, social and personal services	20030	3%
97	Unknown	1339	0.2%
98	Not applicable	55232	8.2%
99	Unspecified	539099	79.9%

ASCERTAINMENT: Ascertainment of the cause of death

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Autopsy	54400	8.1%
2	Post mortem examination	25786	3.8%
3	Opinion of attending medical practitioner	366872	54.4%
4	Opinion of attending medical practitioner on duty	93310	13.8%
5	Opinion of registered professional nurse	5558	0.8%
6	Interview of family member	85471	12.7%
7	Other	5671	0.8%
8	Autopsy results may be available later	234	0%
9	Autopsy not performed	6108	0.9%
98	Unknown	1336	0.2%
99	Unspecified	30015	4.4%

SMOKER: Smoking status of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	100959	15%
2	No	262063	38.8%
3	Do not know	39318	5.8%
4	Not applicable	55240	8.2%
9	Unspecified	217181	32.2%

PREGNANCY: Pregnancy status of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	762	0.1%
2	No	17220	2.6%
8	Unknown	580852	86.1%
9	Unspecified	75927	11.3%

POPGROUP: Population group

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Black African	444621	65.9%
2	White	63222	9.4%
3	Indian or Asian	16421	2.4%

4	Coloured	50901	7.5%
5	Other	1130	0.2%
9	Unspecified	98466	14.6%

CITIZENSHIP: Citizenship of deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	South Africa	659756	97.8%
2	Zimbabwe	4948	0.7%
3	Swaziland	101	0%
4	Botswana	42	0%
5	Lesotho	1496	0.2%
6	Mozambique	1923	0.3%
7	Namibia	11	0%
8	Mauritius	0	0%
9	Angola	31	0%
10	Zambia	49	0%
11	Malawi	925	0.1%
12	Tanzania	58	0%
13	Madagascar	6	0%
14	DRC	207	0%
15	Other	1497	0.2%
97	Unknown	377	0.1%
99	Unspecified	3334	0.5%

BIRTHPROVINCE: Province of birth of the deceased

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	39969	5.9%
2	Eastern Cape	98040	14.5%
3	Northern Cape	16626	2.5%
4	Free State	38095	5.6%
5	KwaZulu-Natal	100166	14.8%
6	North West	37749	5.6%
7	Gauteng	61037	9%
8	Mpumalanga	36820	5.5%
9	Limpopo	65702	9.7%
98	Outside South Africa	19920	3%
99	Unspecified	160637	23.8%

DEATHPROVINCE: Province of death occurrence

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	74126	11%
2	Eastern Cape	110853	16.4%
3	Northern Cape	19808	2.9%
4	Free State	42256	6.3%
5	KwaZulu-Natal	122146	18.1%
6	North West	46241	6.9%
7	Gauteng	146012	21.6%
8	Mpumalanga	44096	6.5%
9	Limpopo	67810	10%
98	Outside South Africa	1354	0.2%
99	Unspecified	59	0%

RESPROVINCE: Province of usual residence of the deceased**Data file: mcd-2021-deceased****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	72514	10.7%
2	Eastern Cape	110115	16.3%
3	Northern Cape	19463	2.9%
4	Free State	41852	6.2%
5	KwaZulu-Natal	120807	17.9%
6	North West	47055	7%
7	Gauteng	141194	20.9%
8	Mpumalanga	45450	6.7%
9	Limpopo	68609	10.2%
98		1533	0.2%
99	Unspecified	6169	0.9%

DEATHINST: Place of death**Data file: mcd-2021-deceased****Overview**

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Hospital	282470	41.9%
2	Emergency room/Outpatient	12553	1.9%
3	Dead on arrival	14948	2.2%
4	Nursing home	8362	1.2%
5	Home	169715	25.2%
6	Other	13952	2.1%
8	Unknown	477	0.1%

9	Unspecified	172284	25.5%
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NATURALUNNATURAL: Natural/non-natural underlying causes of death

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Natural underlying cause	610123	90.4%
2	Non-natural underlying cause	64638	9.6%

BIRTHWEIGHT: Birth weight in grams

Data file: mcd-2021-deceased

Overview

Valid: 674761 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 500 - 9998 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
500	500	21614	3.2%
501	501	1	0%
502	502	1	0%
508	508	1	0%
510	510	28	0%
512	512	1	0%
515	515	7	0%
518	518	1	0%
520	520	24	0%
525	525	6	0%
526	526	1	0%
528	528	1	0%
530	530	31	0%

533	533	2	0%
535	535	7	0%
540	540	24	0%
545	545	3	0%
550	550	50	0%
555	555	4	0%
558	558	1	0%
559	559	1	0%
560	560	29	0%
563	563	1	0%
565	565	3	0%
570	570	23	0%
575	575	9	0%
576	576	1	0%
577	577	1	0%
580	580	33	0%
582	582	1	0%
585	585	10	0%
589	589	1	0%
590	590	31	0%
592	592	1	0%
595	595	3	0%
600	600	151	0%
605	605	1	0%
610	610	2	0%
640	640	1	0%
649	649	1	0%
650	650	3	0%
655	655	1	0%
660	660	3	0%
670	670	1	0%
680	680	1	0%
690	690	2	0%
700	700	8	0%
710	710	3	0%
735	735	1	0%
740	740	1	0%
750	750	7	0%
766	766	1	0%

770	770	1	0%
775	775	1	0%
780	780	3	0%
785	785	1	0%
790	790	3	0%
800	800	1	0%
810	810	2	0%
815	815	1	0%
820	820	2	0%
830	830	1	0%
840	840	2	0%
850	850	4	0%
859	859	1	0%
860	860	2	0%
865	865	1	0%
870	870	4	0%
880	880	4	0%
890	890	5	0%
896	896	1	0%
900	900	6	0%
920	920	3	0%
930	930	2	0%
940	940	1	0%
945	945	1	0%
950	950	4	0%
953	953	1	0%
955	955	1	0%
960	960	2	0%
970	970	1	0%
980	980	4	0%
1000	1000	11	0%
1004	1004	1	0%
1005	1005	1	0%
1015	1015	1	0%
1017	1017	1	0%
1020	1020	3	0%
1030	1030	3	0%
1033	1033	1	0%
1035	1035	2	0%

1040	1040	3	0%
1048	1048	1	0%
1050	1050	4	0%
1067	1067	1	0%
1070	1070	1	0%
1080	1080	2	0%
1090	1090	2	0%
1093	1093	1	0%
1095	1095	1	0%
1100	1100	13	0%
1110	1110	2	0%
1114	1114	1	0%
1120	1120	2	0%
1125	1125	1	0%
1130	1130	3	0%
1135	1135	1	0%
1140	1140	1	0%
1150	1150	1	0%
1160	1160	3	0%
1170	1170	4	0%
1180	1180	1	0%
1190	1190	1	0%
1195	1195	1	0%
1200	1200	10	0%
1220	1220	2	0%
1230	1230	1	0%
1235	1235	1	0%
1240	1240	1	0%
1250	1250	2	0%
1260	1260	2	0%
1265	1265	1	0%
1280	1280	2	0%
1290	1290	1	0%
1300	1300	10	0%
1315	1315	1	0%
1320	1320	2	0%
1330	1330	1	0%
1340	1340	4	0%
1350	1350	2	0%

1370	1370	1	0%
1380	1380	5	0%
1390	1390	2	0%
1400	1400	11	0%
1420	1420	1	0%
1430	1430	4	0%
1435	1435	1	0%
1440	1440	1	0%
1450	1450	1	0%
1460	1460	3	0%
1465	1465	2	0%
1480	1480	4	0%
1490	1490	2	0%
1495	1495	1	0%
1500	1500	10	0%
1510	1510	2	0%
1520	1520	1	0%
1535	1535	1	0%
1540	1540	2	0%
1550	1550	7	0%
1560	1560	3	0%
1570	1570	2	0%
1600	1600	9	0%
1610	1610	3	0%
1615	1615	1	0%
1620	1620	4	0%
1625	1625	1	0%
1640	1640	1	0%
1650	1650	1	0%
1660	1660	3	0%
1665	1665	1	0%
1670	1670	2	0%
1680	1680	1	0%
1700	1700	8	0%
1720	1720	3	0%
1730	1730	1	0%
1745	1745	1	0%
1750	1750	2	0%
1760	1760	1	0%

1770	1770	2	0%
1790	1790	1	0%
1800	1800	10	0%
1805	1805	1	0%
1810	1810	1	0%
1816	1816	1	0%
1819	1819	1	0%
1820	1820	2	0%
1830	1830	2	0%
1840	1840	2	0%
1850	1850	4	0%
1860	1860	1	0%
1900	1900	5	0%
1906	1906	1	0%
1910	1910	1	0%
1920	1920	4	0%
1930	1930	2	0%
1945	1945	1	0%
1950	1950	3	0%
1955	1955	1	0%
1960	1960	1	0%
1970	1970	2	0%
1980	1980	1	0%
1995	1995	1	0%
2000	2000	2	0%
2005	2005	2	0%
2010	2010	1	0%
2020	2020	1	0%
2029	2029	1	0%
2040	2040	1	0%
2050	2050	2	0%
2075	2075	1	0%
2080	2080	1	0%
2090	2090	2	0%
2095	2095	1	0%
2100	2100	7	0%
2124	2124	1	0%
2125	2125	1	0%
2140	2140	2	0%

2150	2150	2	0%
2160	2160	3	0%
2165	2165	1	0%
2170	2170	1	0%
2175	2175	1	0%
2180	2180	2	0%
2190	2190	1	0%
2200	2200	2	0%
2220	2220	1	0%
2250	2250	4	0%
2256	2256	1	0%
2260	2260	1	0%
2280	2280	3	0%
2290	2290	1	0%
2300	2300	4	0%
2320	2320	1	0%
2330	2330	2	0%
2340	2340	1	0%
2350	2350	3	0%
2355	2355	1	0%
2360	2360	2	0%
2375	2375	1	0%
2385	2385	1	0%
2400	2400	8	0%
2405	2405	1	0%
2410	2410	2	0%
2420	2420	1	0%
2421	2421	1	0%
2430	2430	1	0%
2440	2440	2	0%
2445	2445	1	0%
2460	2460	1	0%
2480	2480	2	0%
2495	2495	1	0%
2500	2500	4	0%
2520	2520	2	0%
2530	2530	3	0%
2540	2540	2	0%
2550	2550	1	0%

2560	2560	3	0%
2570	2570	1	0%
2580	2580	1	0%
2585	2585	1	0%
2590	2590	1	0%
2600	2600	1	0%
2640	2640	2	0%
2645	2645	1	0%
2650	2650	1	0%
2660	2660	1	0%
2665	2665	1	0%
2670	2670	1	0%
2685	2685	1	0%
2690	2690	1	0%
2700	2700	5	0%
2705	2705	1	0%
2730	2730	1	0%
2750	2750	1	0%
2770	2770	1	0%
2800	2800	6	0%
2805	2805	1	0%
2810	2810	1	0%
2830	2830	1	0%
2840	2840	3	0%
2865	2865	1	0%
2870	2870	2	0%
2880	2880	1	0%
2890	2890	1	0%
2900	2900	2	0%
2920	2920	1	0%
2925	2925	1	0%
2960	2960	1	0%
3000	3000	6	0%
3020	3020	1	0%
3035	3035	1	0%
3040	3040	2	0%
3046	3046	1	0%
3050	3050	1	0%
3055	3055	1	0%

3068	3068	1	0%
3075	3075	1	0%
3080	3080	1	0%
3100	3100	5	0%
3120	3120	1	0%
3130	3130	1	0%
3140	3140	1	0%
3150	3150	1	0%
3161	3161	1	0%
3175	3175	1	0%
3180	3180	1	0%
3194	3194	1	0%
3195	3195	1	0%
3220	3220	1	0%
3240	3240	1	0%
3270	3270	1	0%
3290	3290	1	0%
3300	3300	3	0%
3310	3310	1	0%
3355	3355	1	0%
3380	3380	1	0%
3400	3400	1	0%
3420	3420	2	0%
3440	3440	1	0%
3460	3460	2	0%
3465	3465	1	0%
3480	3480	1	0%
3500	3500	2	0%
3510	3510	2	0%
3515	3515	1	0%
3530	3530	1	0%
3600	3600	1	0%
3615	3615	1	0%
3630	3630	1	0%
3670	3670	1	0%
3700	3700	2	0%
3760	3760	1	0%
3770	3770	1	0%
3800	3800	1	0%

3900	3900	1	0%
4000	4000	1	0%
4030	4030	2	0%
4095	4095	1	0%
4165	4165	1	0%
4190	4190	1	0%
4250	4250	1	0%
4430	4430	1	0%
4500	4500	1	0%
4600	4600	1	0%
4770	4770	1	0%
4900	4900	1	0%
5000	5000	7	0%
5005	5005	1	0%
5008	5008	1	0%
5030	5030	1	0%
5035	5035	1	0%
5040	5040	2	0%
5041	5041	1	0%
5070	5070	2	0%
5096	5096	1	0%
5100	5100	3	0%
5109	5109	1	0%
5120	5120	1	0%
5130	5130	1	0%
5185	5185	1	0%
5190	5190	1	0%
5200	5200	1	0%
5209	5209	1	0%
5225	5225	1	0%
5230	5230	1	0%
5250	5250	1	0%
5270	5270	1	0%
5300	5300	1	0%
5305	5305	1	0%
5450	5450	1	0%
5455	5455	1	0%
5459	5459	1	0%
5473	5473	1	0%

5480	5480	1	0%
5500	5500	1	0%
5540	5540	1	0%
5590	5590	1	0%
5609	5609	1	0%
5610	5610	1	0%
5680	5680	1	0%
5690	5690	1	0%
5700	5700	3	0%
5710	5710	1	0%
5770	5770	1	0%
5780	5780	2	0%
5800	5800	2	0%
5809	5809	1	0%
5880	5880	1	0%
5900	5900	1	0%
5909	5909	1	0%
6000	6000	2243	0.3%
9998	Not applicable (individual deaths, i.e. not stillborns)	649748	96.3%

SERIALNO: Serial number**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

CAUSEA: Immediate cause of death**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

CAUSEB: Second condition leading to death**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

CAUSEC: Third condition leading to death**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

CAUSED: Fourth condition leading to death**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

PART2CAUSE: Cause provided on part 2 of the death notification form**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
888		506061	98.2%
A047		1	0%
A084		1	0%
A090		2	0%
A099		45	0%
A162		123	0%
A165		1	0%
A169		47	0%
A170		4	0%
A180		1	0%
A183		6	0%
A186		1	0%
A199		35	0%
A415		1	0%
A418		4	0%
A419		175	0%
A498		1	0%
A499		3	0%
A523		2	0%
A539		6	0%
A600		1	0%
A630		1	0%
A879		1	0%
B009		2	0%
B07		2	0%
B159		1	0%
B169		6	0%
B181		10	0%
B182		4	0%
B222		2	0%
B24		397	0.1%
B259		1	0%
B333		446	0.1%
B340		1	0%
B349		3	0%

B370		9	0%
B378		1	0%
B441		1	0%
B449		1	0%
B451		5	0%
B459		3	0%
B485		17	0%
B509		1	0%
B589		1	0%
B679		1	0%
B690		1	0%
B909		37	0%
B99		2	0%
C009		1	0%
C069		1	0%
C159		4	0%
C169		7	0%
C180		1	0%
C189		13	0%
C19		7	0%
C20		5	0%
C218		1	0%
C220		7	0%
C221		1	0%
C223		1	0%
C229		6	0%
C259		8	0%
C269		1	0%
C349		48	0%
C37		1	0%
C380		1	0%
C419		1	0%
C439		2	0%
C447		1	0%
C449		4	0%
C469		6	0%
C482		1	0%
C490		1	0%
C509		27	0%

C539		22	0%
C541		1	0%
C55		2	0%
C56		7	0%
C579		1	0%
C61		65	0%
C629		1	0%
C632		1	0%
C64		3	0%
C679		11	0%
C700		1	0%
C709		1	0%
C719		2	0%
C73		1	0%
C751		2	0%
C762		3	0%
C770		1	0%
C779		2	0%
C780		8	0%
C786		2	0%
C787		6	0%
C793		3	0%
C795		2	0%
C798		3	0%
C799		127	0%
C80		2	0%
C800		1	0%
C809		59	0%
C819		1	0%
C833		1	0%
C844		1	0%
C859		12	0%
C900		8	0%
C920		1	0%
C931		1	0%
C959		1	0%
D010		1	0%
D181		1	0%
D259		2	0%

D329		1	0%
D377		1	0%
D444		1	0%
D469		1	0%
D473		1	0%
D481		1	0%
D483		1	0%
D489		2	0%
D508		4	0%
D509		8	0%
D519		1	0%
D531		1	0%
D539		1	0%
D591		1	0%
D610		1	0%
D618		1	0%
D619		31	0%
D638		3	0%
D64		1	0%
D649		186	0%
D65		9	0%
D686		1	0%
D689		3	0%
D693		1	0%
D696		27	0%
D70		7	0%
D730		1	0%
D751		2	0%
D849		28	0%
D893		2	0%
D899		56	0%
E039		54	0%
E049		2	0%
E050		1	0%
E059		6	0%
E079		2	0%
E10		1	0%
E102		1	0%
E109		16	0%

E119		126	0%
E14		1	0%
E141		10	0%
E145		2	0%
E149		753	0.1%
E15		1	0%
E162		42	0%
E213		1	0%
E271		2	0%
E43		13	0%
E44		1	0%
E46		20	0%
E52		1	0%
E538		11	0%
E611		1	0%
E668		24	0%
E669		66	0%
E780		25	0%
E785		31	0%
E789		96	0%
E802		1	0%
E833		1	0%
E835		6	0%
E859		1	0%
E86		47	0%
E870		18	0%
E871		18	0%
E872		11	0%
E875		24	0%
E876		13	0%
E877		2	0%
E878		32	0%
E880		5	0%
E883		1	0%
E888		7	0%
E889		3	0%
F019		16	0%
F03		118	0%
F059		12	0%

F100		1	0%
F101		28	0%
F102		5	0%
F106		1	0%
F109		5	0%
F112		1	0%
F171		23	0%
F172		11	0%
F179		87	0%
F191		17	0%
F192		3	0%
F199		4	0%
F209		13	0%
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G060		1	0%
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G311		1	0%
G319		1	0%
G409		99	0%
G419		2	0%
G459		3	0%
G473		5	0%
G510		1	0%
G629		3	0%
G710		1	0%
G801		1	0%

G809		10	0%
G819		16	0%
G822		9	0%
G825		2	0%
G919		7	0%
G92		32	0%
G931		3	0%
G932		1	0%
G934		32	0%
G936		2	0%
G938		4	0%
G939		6	0%
G951		1	0%
G959		2	0%
H269		2	0%
H350		2	0%
H409		1	0%
H540		1	0%
H549		2	0%
I059		1	0%
I099		1	0%
I10		1141	0.2%
I110		4	0%
I119		15	0%
I120		1	0%
I129		3	0%
I200		1	0%
I209		1	0%
I214		1	0%
I219		20	0%
I249		3	0%
I251		18	0%
I255		3	0%
I259		64	0%
I26		1	0%
I269		29	0%
I272		5	0%
I279		21	0%
I313		1	0%

I319		4	0%
I330		2	0%
I340		2	0%
I350		5	0%
I359		5	0%
I38		6	0%
I420		24	0%
I429		10	0%
I443		1	0%
I459		1	0%
I469		28	0%
I470		1	0%
I471		1	0%
I48		1	0%
I489		61	0%
I490		1	0%
I495		1	0%
I499		8	0%
I500		95	0%
I501		3	0%
I509		70	0%
I516		4	0%
I519		20	0%
I619		3	0%
I620		1	0%
I629		3	0%
I639		9	0%
I64		213	0%
I671		3	0%
I679		2	0%
I691		1	0%
I694		18	0%
I700		1	0%
I709		3	0%
I714		1	0%
I719		3	0%
I739		29	0%
I749		3	0%
I776		1	0%

I802		41	0%
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I830		1	0%
I872		2	0%
I890		1	0%
I959		5	0%
I99		4	0%
J019		1	0%
J111		2	0%
J129		2	0%
J150		2	0%
J159		2	0%
J173		2	0%
J180		4	0%
J181		1	0%
J189		557	0.1%
J22		49	0%
J304		1	0%
J40		2	0%
J42		1	0%
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J81		9	0%
J82		1	0%
J841		8	0%
J849		2	0%
J860		1	0%
J869		1	0%
J90		7	0%
J939		4	0%
J960		1	0%

J969		20	0%
J982		1	0%
J984		23	0%
J985		1	0%
J988		2	0%
J989		1	0%
K051		1	0%
K219		6	0%
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K318		1	0%
K319		3	0%
K359		1	0%
K401		1	0%
K439		5	0%
K449		3	0%
K509		2	0%
K529		7	0%
K562		2	0%
K564		1	0%
K566		9	0%
K567		1	0%
K579		1	0%
K590		3	0%
K631		1	0%
K638		1	0%
K639		1	0%
K649		2	0%
K658		1	0%
K659		2	0%
K701		1	0%
K709		4	0%
K711		4	0%
K719		1	0%

K720		7	0%
K721		4	0%
K729		37	0%
K746		7	0%
K759		7	0%
K766		3	0%
K767		3	0%
K768		5	0%
K769		14	0%
K801		1	0%
K802		3	0%
K805		1	0%
K810		1	0%
K819		3	0%
K830		2	0%
K831		6	0%
K859		3	0%
K861		1	0%
K862		1	0%
K869		1	0%
K920		1	0%
K922		17	0%
L024		1	0%
L029		4	0%
L031		7	0%
L039		6	0%
L309		3	0%
L732		1	0%
L80		1	0%
L899		67	0%
L930		1	0%
L97		4	0%
L984		3	0%
L988		1	0%
M069		29	0%
M109		33	0%
M139		7	0%
M159		1	0%
M199		33	0%

M311		1	0%
M319		5	0%
M321		1	0%
M329		8	0%
M332		1	0%
M349		3	0%
M352		1	0%
M359		1	0%
M419		1	0%
M480		1	0%
M609		1	0%
M622		1	0%
M628		1	0%
M726		2	0%
M819		2	0%
M844		2	0%
M869		2	0%
N009		7	0%
N039		1	0%
N049		1	0%
N059		1	0%
N12		4	0%
N133		1	0%
N139		8	0%
N179		81	0%
N183		1	0%
N185		17	0%
N189		251	0%
N19		204	0%
N200		2	0%
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N309		1	0%
N320		1	0%
N359		1	0%
N390		30	0%
N399		1	0%
N40		28	0%
N429		1	0%

N433		2	0%
N498		1	0%
N649		1	0%
N739		1	0%
N814		1	0%
N823		1	0%
N858		1	0%
O000		1	0%
O268		1	0%
O411		1	0%
O459		5	0%
O991		1	0%
O994		1	0%
O995		2	0%
O996		1	0%
P002		4	0%
P008		2	0%
P015		3	0%
P020		1	0%
P021		1	0%
P038		1	0%
P059		1	0%
P070		9	0%
P071		5	0%
P072		2	0%
P073		19	0%
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P220		22	0%
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P240		1	0%
P249		3	0%
P251		1	0%
P269		1	0%
P369		3	0%
P523		4	0%
P599		1	0%
P60		1	0%
P614		1	0%
P701		1	0%

P740		1	0%
P77		1	0%
P783		4	0%
P809		1	0%
P90		1	0%
P916		3	0%
P918		1	0%
Q031		1	0%
Q059		2	0%
Q210		1	0%
Q211		1	0%
Q212		1	0%
Q234		1	0%
Q240		1	0%
Q248		1	0%
Q249		5	0%
Q250		5	0%
Q253		1	0%
Q321		1	0%
Q359		1	0%
Q411		1	0%
Q419		1	0%
Q431		1	0%
Q600		2	0%
Q613		1	0%
Q639		1	0%
Q675		1	0%
Q753		1	0%
Q780		1	0%
Q868		2	0%
Q897		3	0%
Q909		6	0%
Q929		1	0%
R001		2	0%
R02		1	0%
R040		2	0%
R18		1	0%
R190		1	0%
R268		4	0%

R402		1	0%
R410		1	0%
R490		1	0%
R54		3	0%
R568		1	0%
R571		1	0%
R58		1	0%
R628		1	0%
R630		1	0%
R64		2	0%
R739		4	0%
U071		81	0%
U51		2	0%
V892		2	0%
V899		1	0%
W19		1	0%
W34		3	0%
W80		5	0%
W84		2	0%
X09		1	0%
X14		1	0%
X31		2	0%
X49		8	0%
X590		26	0%
X599		5	0%
X99		1	0%
Y10		1	0%
Y14		1	0%
Y15		2	0%
Y19		1	0%
Y33		1	0%
Y400		1	0%
Y442		9	0%
Y532		1	0%
Y548		1	0%
Y830		2	0%
Y831		16	0%
Y832		5	0%
Y833		3	0%

Y834		1	0%
Y835		10	0%
Y838		11	0%
Y839		4	0%
Y841		1	0%
Y848		7	0%
Y86		2	0%

INJURYA: Injury codes for the immediate cause of death

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		453571	88%
S002		1	0%
S007		1	0%
S009		1	0%
S010		4	0%
S011		1	0%
S012		2	0%
S013		1	0%
S014		2	0%
S015		7	0%
S017		91	0%
S018		95	0%
S019		2743	0.5%
S02		1	0%
S020		1	0%
S021		2	0%
S027		4	0%
S028		12	0%
S029		161	0%
S049		1	0%

S054		1	0%
S055		1	0%
S059		3	0%
S061		6	0%
S062		11	0%
S063		1	0%
S064		4	0%
S065		113	0%
S066		21	0%
S067		1	0%
S068		74	0%
S069		396	0.1%
S071		11	0%
S079		3	0%
S09		2	0%
S097		70	0%
S098		3	0%
S099		6958	1.4%
S101		1	0%
S112		2	0%
S117		15	0%
S118		23	0%
S119		1135	0.2%
S121		2	0%
S127		6	0%
S129		109	0%
S131		21	0%
S132		1	0%
S134		1	0%
S141		39	0%
S142		1	0%
S150		8	0%
S152		8	0%
S157		1	0%
S159		2	0%
S18		6	0%
S197		2	0%
S198		1	0%
S199		190	0%

S202		1	0%
S204		1	0%
S208		3	0%
S210		1	0%
S211		1	0%
S212		208	0%
S217		96	0%
S218		8	0%
S219		4218	0.8%
S220		3	0%
S223		17	0%
S224		9	0%
S225		1	0%
S241		1	0%
S242		1	0%
S250		15	0%
S251		5	0%
S252		3	0%
S253		1	0%
S254		3	0%
S257		1	0%
S259		1	0%
S260		3	0%
S268		8	0%
S269		290	0.1%
S270		3	0%
S271		17	0%
S272		13	0%
S273		141	0%
S277		17	0%
S278		1	0%
S279		3	0%
S280		5	0%
S297		17	0%
S299		717	0.1%
S310		55	0%
S311		14	0%
S312		5	0%
S313		1	0%

S317		15	0%
S318		872	0.2%
S320		4	0%
S323		1	0%
S324		2	0%
S327		1	0%
S328		38	0%
S341		1	0%
S351		3	0%
S352		1	0%
S353		1	0%
S354		2	0%
S355		1	0%
S360		5	0%
S361		32	0%
S362		1	0%
S364		2	0%
S365		1	0%
S366		1	0%
S368		2	0%
S369		3	0%
S370		11	0%
S373		1	0%
S376		4	0%
S381		1	0%
S397		3	0%
S399		226	0%
S410		26	0%
S411		36	0%
S417		1	0%
S418		11	0%
S420		1	0%
S423		4	0%
S450		1	0%
S451		2	0%
S459		6	0%
S499		2	0%
S510		1	0%
S519		11	0%

S528		1	0%
S551		1	0%
S559		3	0%
S598		1	0%
S599		4	0%
S61		1	0%
S617		1	0%
S619		12	0%
S699		1	0%
S709		1	0%
S710		3	0%
S711		102	0%
S717		5	0%
S720		113	0%
S721		15	0%
S722		1	0%
S723		5	0%
S724		4	0%
S729		91	0%
S730		1	0%
S750		8	0%
S751		4	0%
S759		8	0%
S799		15	0%
S817		3	0%
S818		2	0%
S819		51	0%
S822		2	0%
S828		1	0%
S829		2	0%
S850		1	0%
S859		1	0%
S880		4	0%
S899		9	0%
S910		1	0%
S920		1	0%
S929		1	0%
S999		2	0%
T003		1	0%

T009		2	0%
T01		4	0%
T010		17	0%
T011		122	0%
T012		2	0%
T013		8	0%
T016		1	0%
T018		2509	0.5%
T019		3298	0.6%
T020		2	0%
T023		1	0%
T028		44	0%
T029		25	0%
T049		2	0%
T061		3	0%
T063		9	0%
T065		4	0%
T068		2194	0.4%
T07		7379	1.4%
T08		32	0%
T091		7	0%
T093		84	0%
T10		2	0%
T111		42	0%
T114		1	0%
T119		5	0%
T12		5	0%
T131		80	0%
T134		1	0%
T139		19	0%
T14		7	0%
T140		24	0%
T141		1208	0.2%
T142		21	0%
T145		75	0%
T146		5	0%
T147		17	0%
T148		6	0%
T149		7530	1.5%

T17		6	0%
T171		5	0%
T175		1	0%
T178		9	0%
T179		1140	0.2%
T181		2	0%
T189		1	0%
T200		1	0%
T240		1	0%
T273		2	0%
T293		1	0%
T294		1	0%
T30		14	0%
T300		2453	0.5%
T301		1	0%
T302		5	0%
T303		32	0%
T307		3	0%
T310		2	0%
T311		1	0%
T312		7	0%
T313		5	0%
T314		6	0%
T315		2	0%
T316		7	0%
T317		1	0%
T318		7	0%
T319		47	0%
T321		1	0%
T326		1	0%
T329		1	0%
T360		2	0%
T366		3	0%
T371		4	0%
T373		1	0%
T375		2	0%
T378		1	0%
T383		8	0%
T390		2	0%

T391		8	0%
T392		1	0%
T401		1	0%
T402		4	0%
T404		2	0%
T407		1	0%
T413		4	0%
T414		3	0%
T420		4	0%
T421		2	0%
T426		2	0%
T427		1	0%
T430		3	0%
T432		2	0%
T436		2	0%
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T441		4	0%
T443		1	0%
T451		4	0%
T452		1	0%
T455		83	0%
T457		1	0%
T459		1	0%
T460		2	0%
T461		1	0%
T465		5	0%
T469		1	0%
T472		3	0%
T473		3	0%
T474		5	0%
T477		2	0%
T485		1	0%
T486		3	0%
T490		1	0%
T500		2	0%
T508		9	0%
T509		350	0.1%
T510		22	0%
T511		6	0%

T519		62	0%
T520		11	0%
T523		1	0%
T528		4	0%
T529		1	0%
T542		20	0%
T549		15	0%
T568		3	0%
T58		282	0.1%
T590		1	0%
T591		1	0%
T597		3	0%
T598		7	0%
T599		144	0%
T600		925	0.2%
T603		10	0%
T604		6	0%
T608		1	0%
T609		37	0%
T620		1	0%
T622		156	0%
T628		6	0%
T629		5	0%
T630		26	0%
T631		1	0%
T632		1	0%
T633		3	0%
T634		3	0%
T639		8	0%
T65		2	0%
T652		1	0%
T658		33	0%
T659		981	0.2%
T66		1	0%
T670		4	0%
T671		1	0%
T68		188	0%
T699		46	0%
T71		5903	1.1%

T73		1	0%
T730		9	0%
T740		4	0%
T742		3	0%
T75		6	0%
T750		104	0%
T751		1927	0.4%
T754		568	0.1%
T758		23	0%
T782		40	0%
T783		13	0%
T784		7	0%
T791		31	0%
T792		1	0%
T794		9	0%
T795		39	0%
T796		5	0%
T797		1	0%
T798		1	0%
T802		1	0%
T808		1	0%
T809		8	0%
T81		3	0%
T810		5	0%
T813		1	0%
T814		19	0%
T818		135	0%
T819		166	0%
T820		2	0%
T821		1	0%
T823		1	0%
T825		2	0%
T827		3	0%
T828		8	0%
T829		34	0%
T836		1	0%
T839		3	0%
T848		7	0%
T849		6	0%

T850		2	0%
T855		1	0%
T857		2	0%
T858		3	0%
T859		20	0%
T861		3	0%
T864		1	0%
T868		7	0%
T869		5	0%
T874		11	0%
T875		1	0%
T876		87	0%
T884		1	0%
T886		2	0%
T887		2	0%
T888		55	0%
T889		22	0%
T900		1	0%
T901		1	0%
T905		2	0%
T909		1	0%
T910		2	0%
T919		2	0%
T940		9	0%
T941		5	0%
T959		1	0%
T983		4	0%

INJURYB: Injury codes for the second condition leading to death

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases
-------	----------	-------

111		224151	43.5%
888		284131	55.2%
S017		2	0%
S018		3	0%
S019		103	0%
S02		1	0%
S021		1	0%
S027		2	0%
S028		1	0%
S029		40	0%
S059		2	0%
S062		4	0%
S063		1	0%
S065		24	0%
S066		1	0%
S068		2	0%
S069		116	0%
S09		1	0%
S099		426	0.1%
S110		1	0%
S112		1	0%
S119		49	0%
S121		1	0%
S127		2	0%
S129		29	0%
S131		3	0%
S141		3	0%
S150		1	0%
S152		1	0%
S199		12	0%
S212		4	0%
S217		1	0%
S219		147	0%
S223		19	0%
S224		1	0%
S241		1	0%
S251		1	0%
S253		1	0%
S269		23	0%

S270		1	0%
S271		3	0%
S272		2	0%
S273		7	0%
S277		2	0%
S278		1	0%
S279		1	0%
S297		1	0%
S299		49	0%
S300		1	0%
S310		1	0%
S312		1	0%
S313		1	0%
S318		64	0%
S320		2	0%
S324		1	0%
S328		22	0%
S348		1	0%
S361		8	0%
S363		1	0%
S364		1	0%
S369		2	0%
S370		1	0%
S371		1	0%
S376		1	0%
S397		1	0%
S399		25	0%
S411		3	0%
S420		1	0%
S423		7	0%
S429		1	0%
S430		2	0%
S459		1	0%
S499		1	0%
S520		1	0%
S525		1	0%
S528		1	0%
S699		2	0%
S711		1	0%

S720		225	0%
S721		28	0%
S722		3	0%
S723		2	0%
S724		1	0%
S728		1	0%
S729		205	0%
S730		2	0%
S750		1	0%
S780		1	0%
S799		3	0%
S817		1	0%
S819		2	0%
S820		2	0%
S822		20	0%
S828		12	0%
S829		4	0%
S836		1	0%
S849		1	0%
S880		6	0%
S889		1	0%
S899		3	0%
S913		1	0%
S983		1	0%
S999		3	0%
T01		1	0%
T011		1	0%
T016		1	0%
T018		42	0%
T019		121	0%
T028		13	0%
T029		11	0%
T061		1	0%
T068		59	0%
T07		308	0.1%
T08		20	0%
T093		28	0%
T12		5	0%
T131		3	0%

T135		1	0%
T139		4	0%
T14		2	0%
T140		6	0%
T141		101	0%
T142		13	0%
T145		1	0%
T149		877	0.2%
T178		4	0%
T179		306	0.1%
T184		1	0%
T189		3	0%
T300		381	0.1%
T303		1	0%
T307		1	0%
T310		2	0%
T312		2	0%
T313		3	0%
T314		1	0%
T319		3	0%
T360		1	0%
T366		1	0%
T367		1	0%
T371		2	0%
T375		5	0%
T378		1	0%
T380		1	0%
T383		4	0%
T390		2	0%
T391		2	0%
T393		13	0%
T399		1	0%
T401		4	0%
T402		4	0%
T407		2	0%
T413		1	0%
T414		7	0%
T415		2	0%
T420		2	0%

T422		1	0%
T424		2	0%
T435		3	0%
T436		6	0%
T443		1	0%
T445		3	0%
T447		1	0%
T451		11	0%
T455		100	0%
T456		1	0%
T472		3	0%
T474		2	0%
T490		1	0%
T503		2	0%
T508		1	0%
T509		100	0%
T510		7	0%
T511		3	0%
T512		1	0%
T519		45	0%
T520		2	0%
T521		2	0%
T528		1	0%
T537		1	0%
T542		1	0%
T549		5	0%
T568		2	0%
T58		28	0%
T597		2	0%
T598		4	0%
T599		22	0%
T600		46	0%
T603		3	0%
T609		1	0%
T620		1	0%
T622		257	0%
T628		7	0%
T629		2	0%
T630		2	0%

T632		1	0%
T633		1	0%
T639		2	0%
T658		51	0%
T659		78	0%
T66		2	0%
T68		55	0%
T699		2	0%
T71		491	0.1%
T730		10	0%
T740		12	0%
T741		1	0%
T742		9	0%
T750		10	0%
T751		160	0%
T754		31	0%
T758		3	0%
T782		12	0%
T783		11	0%
T784		4	0%
T791		13	0%
T793		2	0%
T795		4	0%
T796		1	0%
T802		2	0%
T809		6	0%
T810		6	0%
T813		3	0%
T814		13	0%
T817		2	0%
T818		180	0%
T819		329	0.1%
T820		5	0%
T821		16	0%
T822		3	0%
T823		1	0%
T824		1	0%
T825		3	0%
T827		1	0%

T828		12	0%
T829		78	0%
T830		1	0%
T835		1	0%
T838		1	0%
T839		3	0%
T84		1	0%
T840		1	0%
T841		1	0%
T848		13	0%
T849		13	0%
T851		1	0%
T854		1	0%
T855		1	0%
T856		1	0%
T857		1	0%
T858		3	0%
T859		33	0%
T860		2	0%
T861		5	0%
T862		2	0%
T863		2	0%
T864		1	0%
T868		6	0%
T869		12	0%
T871		1	0%
T874		7	0%
T875		3	0%
T876		156	0%
T884		2	0%
T887		4	0%
T888		98	0%
T889		24	0%
T905		4	0%
T908		1	0%
T909		3	0%
T941		4	0%
T959		1	0%
T983		3	0%

INJURYC: Injury codes for the third condition leading to death

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		110702	21.5%
888		402371	78.1%
S017		1	0%
S019		12	0%
S027		1	0%
S029		4	0%
S062		1	0%
S065		9	0%
S066		1	0%
S068		1	0%
S069		35	0%
S09		1	0%
S099		93	0%
S119		5	0%
S127		1	0%
S129		5	0%
S141		2	0%
S199		2	0%
S212		1	0%
S219		11	0%
S220		2	0%
S223		9	0%
S224		4	0%
S234		1	0%
S241		1	0%
S273		2	0%
S280		1	0%
S297		1	0%

S299		5	0%
S318		20	0%
S320		1	0%
S324		4	0%
S328		12	0%
S360		1	0%
S361		4	0%
S369		4	0%
S372		3	0%
S399		12	0%
S420		1	0%
S422		1	0%
S423		7	0%
S429		2	0%
S430		3	0%
S720		137	0%
S721		28	0%
S722		1	0%
S724		1	0%
S729		111	0%
S730		1	0%
S799		5	0%
S818		1	0%
S820		3	0%
S822		1	0%
S828		5	0%
S829		2	0%
S880		3	0%
S921		1	0%
T018		7	0%
T019		8	0%
T023		1	0%
T028		4	0%
T029		5	0%
T068		14	0%
T07		24	0%
T08		7	0%
T093		12	0%
T094		1	0%

T12		5	0%
T139		4	0%
T14		1	0%
T140		1	0%
T141		12	0%
T142		6	0%
T145		1	0%
T147		2	0%
T149		82	0%
T171		1	0%
T179		68	0%
T273		1	0%
T30		3	0%
T300		72	0%
T302		1	0%
T310		1	0%
T311		1	0%
T312		1	0%
T315		1	0%
T360		2	0%
T369		1	0%
T375		3	0%
T383		2	0%
T387		1	0%
T388		1	0%
T390		2	0%
T393		10	0%
T401		1	0%
T402		1	0%
T406		1	0%
T411		1	0%
T412		1	0%
T413		1	0%
T414		2	0%
T420		1	0%
T436		6	0%
T443		1	0%
T45		1	0%
T451		6	0%

T454		1	0%
T455		43	0%
T458		1	0%
T460		1	0%
T472		2	0%
T474		1	0%
T477		1	0%
T494		1	0%
T508		1	0%
T509		53	0%
T510		4	0%
T511		1	0%
T519		17	0%
T542		2	0%
T549		2	0%
T568		1	0%
T58		4	0%
T599		2	0%
T600		15	0%
T602		1	0%
T603		1	0%
T622		153	0%
T628		4	0%
T629		1	0%
T639		1	0%
T652		1	0%
T658		37	0%
T659		24	0%
T66		1	0%
T68		22	0%
T71		65	0%
T730		4	0%
T738		1	0%
T74		1	0%
T740		17	0%
T751		10	0%
T754		2	0%
T758		1	0%
T782		3	0%

T783		3	0%
T791		2	0%
T793		1	0%
T795		2	0%
T809		6	0%
T810		2	0%
T814		4	0%
T818		116	0%
T819		109	0%
T82		3	0%
T820		4	0%
T821		14	0%
T822		3	0%
T828		10	0%
T829		65	0%
T830		1	0%
T839		1	0%
T840		1	0%
T843		1	0%
T845		1	0%
T846		1	0%
T848		6	0%
T849		13	0%
T851		1	0%
T855		1	0%
T858		3	0%
T859		25	0%
T860		1	0%
T861		4	0%
T863		1	0%
T864		3	0%
T868		2	0%
T869		10	0%
T876		108	0%
T887		11	0%
T888		67	0%
T889		6	0%
T905		1	0%
T908		1	0%

T909		1	0%
T918		1	0%
T931		1	0%
T936		1	0%
T941		2	0%
T983		2	0%

INJURYD: Injury codes for fourth condition leading to death

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
021		1	0%
065		1	0%
069		26	0%
099		15	0%
111		39378	7.6%
119		1	0%
129		3	0%
141		2	0%
199		1	0%
210		1	0%
212		2	0%
219		11	0%
223		3	0%
299		1	0%
318		2	0%
328		5	0%
361		1	0%
372		1	0%
399		3	0%
420		1	0%
423		4	0%

527		1	0%
72		1	0%
720		40	0%
721		11	0%
722		1	0%
724		1	0%
729		46	0%
730		1	0%
81		1	0%
820		1	0%
822		4	0%
828		2	0%
829		1	0%
880		1	0%
888		475188	92.2%
899		1	0%
NULL		413	0.1%

UNDERLYINGCAUSE: Underlying cause of death

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 3 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
A00		1	0%
A01		4	0%
A02		15	0%
A03		1	0%
A04		59	0%
A05		3	0%
A06		7	0%
A07		4	0%
A08		3	0%
A09		5508	1.1%

A15		2	0%
A16		15681	3%
A17		1112	0.2%
A18		577	0.1%
A19		3282	0.6%
A30		2	0%
A31		15	0%
A32		2	0%
A33		2	0%
A35		5	0%
A36		1	0%
A37		7	0%
A39		20	0%
A40		7	0%
A41		7256	1.4%
A42		2	0%
A43		1	0%
A44		1	0%
A48		1	0%
A49		48	0%
A50		29	0%
A52		64	0%
A53		31	0%
A54		2	0%
A63		4	0%
A64		4	0%
A69		1	0%
A71		1	0%
A77		3	0%
A80		4	0%
A81		18	0%
A82		10	0%
A85		1	0%
A86		13	0%
A87		42	0%
B00		14	0%
B01		15	0%
B02		30	0%
B05		2	0%

B06		2	0%
B07		3	0%
B08		1	0%
B15		29	0%
B16		83	0%
B17		27	0%
B18		115	0%
B19		17	0%
B20		12042	2.3%
B21		1058	0.2%
B22		813	0.2%
B23		4279	0.8%
B24		3239	0.6%
B25		30	0%
B26		1	0%
B27		2	0%
B33		13394	2.6%
B34		59	0%
B35		2	0%
B36		3	0%
B37		94	0%
B44		7	0%
B45		329	0.1%
B46		2	0%
B47		1	0%
B48		911	0.2%
B49		22	0%
B50		24	0%
B54		95	0%
B58		25	0%
B65		9	0%
B67		12	0%
B69		32	0%
B77		1	0%
B82		1	0%
B83		6	0%
B85		1	0%
B86		3	0%
B90		474	0.1%

B91		3	0%
B94		275	0.1%
B99		64	0%
C00		10	0%
C01		27	0%
C02		155	0%
C03		5	0%
C04		37	0%
C05		24	0%
C06		194	0%
C07		43	0%
C08		17	0%
C09		24	0%
C10		97	0%
C11		73	0%
C12		1	0%
C13		39	0%
C14		263	0.1%
C15		1944	0.4%
C16		1353	0.3%
C17		43	0%
C18		1828	0.4%
C19		272	0.1%
C20		457	0.1%
C21		176	0%
C22		1700	0.3%
C23		165	0%
C24		91	0%
C25		1678	0.3%
C26		333	0.1%
C30		4	0%
C31		37	0%
C32		280	0.1%
C33		6	0%
C34		5403	1%
C37		10	0%
C38		32	0%
C39		8	0%
C40		1	0%

C41		145	0%
C43		397	0.1%
C44		420	0.1%
C45		193	0%
C46		218	0%
C47		10	0%
C48		28	0%
C49		239	0%
C50		4171	0.8%
C51		230	0%
C52		29	0%
C53		3784	0.7%
C54		434	0.1%
C55		236	0%
C56		796	0.2%
C57		38	0%
C58		27	0%
C60		59	0%
C61		3877	0.8%
C62		48	0%
C63		10	0%
C64		468	0.1%
C65		1	0%
C66		5	0%
C67		642	0.1%
C68		21	0%
C69		59	0%
C70		15	0%
C71		739	0.1%
C72		6	0%
C73		106	0%
C74		63	0%
C75		86	0%
C76		527	0.1%
C80		4244	0.8%
C81		140	0%
C82		15	0%
C83		128	0%
C84		32	0%

C85		1058	0.2%
C86		4	0%
C88		8	0%
C90		628	0.1%
C91		193	0%
C92		407	0.1%
C93		8	0%
C94		2	0%
C95		456	0.1%
C96		19	0%
D01		1	0%
D03		1	0%
D05		1	0%
D06		1	0%
D07		1	0%
D10		2	0%
D11		1	0%
D12		1	0%
D13		7	0%
D14		8	0%
D15		7	0%
D16		2	0%
D17		4	0%
D18		14	0%
D21		3	0%
D23		1	0%
D25		19	0%
D26		1	0%
D32		67	0%
D33		6	0%
D35		11	0%
D36		11	0%
D37		198	0%
D38		53	0%
D39		20	0%
D40		2	0%
D41		19	0%
D42		4	0%
D43		252	0%

D44		38	0%
D45		8	0%
D46		114	0%
D47		65	0%
D48		123	0%
D50		54	0%
D51		11	0%
D52		2	0%
D53		11	0%
D56		1	0%
D57		15	0%
D58		11	0%
D59		28	0%
D60		1	0%
D61		285	0.1%
D64		1608	0.3%
D65		125	0%
D66		20	0%
D67		1	0%
D68		56	0%
D69		182	0%
D70		22	0%
D71		1	0%
D72		2	0%
D73		4	0%
D75		70	0%
D76		19	0%
D80		5	0%
D82		5	0%
D84		1253	0.2%
D86		26	0%
D89		1349	0.3%
E00		1	0%
E03		276	0.1%
E04		15	0%
E05		132	0%
E06		5	0%
E07		9	0%
E10		709	0.1%

E11		2879	0.6%
E12		1	0%
E13		1	0%
E14		29880	5.8%
E15		49	0%
E16		1033	0.2%
E20		1	0%
E21		16	0%
E22		8	0%
E23		14	0%
E24		3	0%
E26		2	0%
E27		25	0%
E31		2	0%
E34		3	0%
E40		10	0%
E41		9	0%
E42		7	0%
E43		361	0.1%
E44		24	0%
E46		635	0.1%
E51		15	0%
E52		2	0%
E53		47	0%
E55		3	0%
E61		2	0%
E63		4	0%
E66		333	0.1%
E70		2	0%
E71		6	0%
E72		9	0%
E74		7	0%
E75		4	0%
E77		2	0%
E78		570	0.1%
E79		1	0%
E80		13	0%
E83		105	0%
E84		22	0%

E85		16	0%
E86		1685	0.3%
E87		1182	0.2%
E88		235	0%
F01		134	0%
F03		933	0.2%
F05		221	0%
F06		10	0%
F09		1	0%
F10		296	0.1%
F11		2	0%
F15		1	0%
F17		27	0%
F19		438	0.1%
F20		146	0%
F23		8	0%
F29		54	0%
F30		1	0%
F31		19	0%
F32		65	0%
F41		2	0%
F43		5	0%
F44		3	0%
F50		3	0%
F54		6	0%
F60		1	0%
F72		1	0%
F79		39	0%
F81		7	0%
F84		6	0%
F89		1	0%
F90		2	0%
F99		29	0%
G00		141	0%
G03		1393	0.3%
G04		158	0%
G06		99	0%
G08		13	0%
G09		21	0%

G10		13	0%
G11		9	0%
G12		177	0%
G20		376	0.1%
G21		15	0%
G23		11	0%
G24		5	0%
G25		6	0%
G30		588	0.1%
G31		74	0%
G35		45	0%
G36		10	0%
G37		17	0%
G40		3222	0.6%
G41		726	0.1%
G43		12	0%
G44		7	0%
G45		21	0%
G47		23	0%
G57		1	0%
G58		3	0%
G60		1	0%
G61		64	0%
G62		40	0%
G70		28	0%
G71		54	0%
G72		30	0%
G80		721	0.1%
G81		36	0%
G82		226	0%
G83		33	0%
G91		296	0.1%
G92		3	0%
G93		636	0.1%
G95		49	0%
G96		2	0%
G98		1	0%
H05		1	0%
H10		2	0%

H40		6	0%
H46		1	0%
H54		2	0%
H57		1	0%
H60		1	0%
H66		30	0%
H70		9	0%
H81		1	0%
I00		1	0%
I01		4	0%
I05		71	0%
I06		6	0%
I07		8	0%
I08		7	0%
I09		98	0%
I10		21892	4.2%
I11		6531	1.3%
I12		2833	0.5%
I13		615	0.1%
I20		126	0%
I21		10577	2.1%
I22		6	0%
I24		294	0.1%
I25		2373	0.5%
I26		1902	0.4%
I27		1135	0.2%
I28		1	0%
I30		1	0%
I31		127	0%
I33		113	0%
I34		58	0%
I35		232	0%
I37		1	0%
I38		197	0%
I40		31	0%
I42		2160	0.4%
I44		22	0%
I45		37	0%
I47		33	0%

I48		528	0.1%
I49		193	0%
I50		15762	3.1%
I51		1267	0.2%
I60		409	0.1%
I61		1942	0.4%
I62		895	0.2%
I63		721	0.1%
I64		24855	4.8%
I67		515	0.1%
I69		88	0%
I70		137	0%
I71		422	0.1%
I72		73	0%
I73		612	0.1%
I74		99	0%
I77		49	0%
I78		3	0%
I80		448	0.1%
I81		6	0%
I82		42	0%
I83		44	0%
I85		39	0%
I86		1	0%
I87		30	0%
I88		12	0%
I89		21	0%
I95		79	0%
I99		83	0%
J00		2	0%
J01		13	0%
J02		8	0%
J03		18	0%
J04		1	0%
J05		3	0%
J06		87	0%
J09		113	0%
J11		472	0.1%
J12		48	0%

J13		1	0%
J15		157	0%
J18		19338	3.8%
J20		136	0%
J21		62	0%
J22		4526	0.9%
J31		3	0%
J32		13	0%
J34		4	0%
J35		2	0%
J36		4	0%
J38		8	0%
J39		14	0%
J40		299	0.1%
J42		133	0%
J43		561	0.1%
J44		7166	1.4%
J45		3371	0.7%
J46		509	0.1%
J47		135	0%
J60		2	0%
J61		19	0%
J62		27	0%
J63		2	0%
J64		11	0%
J65		6	0%
J67		20	0%
J68		12	0%
J69		921	0.2%
J70		2	0%
J80		1198	0.2%
J81		313	0.1%
J82		3	0%
J84		499	0.1%
J85		109	0%
J86		109	0%
J90		283	0.1%
J93		74	0%
J94		20	0%

J96		2821	0.5%
J98		1787	0.3%
K02		1	0%
K04		13	0%
K05		4	0%
K10		2	0%
K11		2	0%
K12		26	0%
K13		1	0%
K20		15	0%
K21		41	0%
K22		105	0%
K25		226	0%
K26		62	0%
K27		1295	0.3%
K28		2	0%
K29		460	0.1%
K30		1	0%
K31		41	0%
K35		124	0%
K36		2	0%
K37		70	0%
K40		58	0%
K41		2	0%
K42		32	0%
K43		39	0%
K44		49	0%
K45		4	0%
K46		127	0%
K50		20	0%
K51		30	0%
K52		479	0.1%
K55		159	0%
K56		1068	0.2%
K57		88	0%
K58		2	0%
K59		27	0%
K60		9	0%
K61		31	0%

K62		32	0%
K63		244	0%
K64		14	0%
K65		144	0%
K66		30	0%
K70		356	0.1%
K71		160	0%
K72		1461	0.3%
K73		7	0%
K74		571	0.1%
K75		233	0%
K76		719	0.1%
K80		94	0%
K81		123	0%
K82		13	0%
K83		457	0.1%
K85		447	0.1%
K86		107	0%
K90		11	0%
K92		1352	0.3%
L00		4	0%
L01		2	0%
L02		82	0%
L03		252	0%
L05		1	0%
L08		13	0%
L10		3	0%
L12		13	0%
L13		3	0%
L20		6	0%
L23		1	0%
L24		1	0%
L30		21	0%
L40		7	0%
L51		53	0%
L53		6	0%
L73		1	0%
L80		1	0%
L85		1	0%

L89		728	0.1%
L92		3	0%
L93		20	0%
L95		1	0%
L97		38	0%
L98		114	0%
M00		37	0%
M02		1	0%
M05		6	0%
M06		174	0%
M08		1	0%
M10		37	0%
M13		367	0.1%
M15		23	0%
M16		1	0%
M19		200	0%
M21		1	0%
M25		21	0%
M31		145	0%
M32		333	0.1%
M33		33	0%
M34		67	0%
M35		49	0%
M40		1	0%
M41		10	0%
M43		6	0%
M45		3	0%
M46		3	0%
M47		11	0%
M48		10	0%
M50		4	0%
M51		7	0%
M54		12	0%
M60		12	0%
M62		52	0%
M67		1	0%
M72		149	0%
M79		47	0%
M80		9	0%

M81		19	0%
M83		2	0%
M84		26	0%
M85		2	0%
M86		47	0%
M87		1	0%
M88		3	0%
M89		5	0%
N00		43	0%
N03		1	0%
N04		74	0%
N05		48	0%
N10		1	0%
N11		1	0%
N12		107	0%
N13		143	0%
N15		6	0%
N17		1084	0.2%
N18		2700	0.5%
N19		4639	0.9%
N20		4	0%
N21		1	0%
N23		1	0%
N25		4	0%
N28		322	0.1%
N30		23	0%
N31		7	0%
N32		14	0%
N34		3	0%
N35		8	0%
N39		527	0.1%
N40		253	0%
N41		13	0%
N42		17	0%
N43		10	0%
N44		1	0%
N45		1	0%
N47		1	0%
N48		4	0%

N49		70	0%
N50		3	0%
N61		7	0%
N62		1	0%
N63		10	0%
N64		2	0%
N70		3	0%
N71		1	0%
N73		29	0%
N76		4	0%
N80		1	0%
N81		2	0%
N82		13	0%
N83		9	0%
N85		10	0%
N88		1	0%
N90		1	0%
N92		3	0%
N93		48	0%
N94		3	0%
N95		16	0%
N98		1	0%
O00		52	0%
O01		3	0%
O02		2	0%
O03		21	0%
O06		15	0%
O07		2	0%
O10		10	0%
O13		10	0%
O14		39	0%
O15		79	0%
O16		16	0%
O21		1	0%
O24		1	0%
O26		8	0%
O33		1	0%
O34		2	0%
O36		1	0%

O41		3	0%
O42		2	0%
O43		1	0%
O44		1	0%
O45		20	0%
O46		5	0%
O62		1	0%
O67		1	0%
O71		31	0%
O72		59	0%
O73		1	0%
O75		46	0%
O85		21	0%
O88		1	0%
O90		50	0%
O95		5	0%
O98		19	0%
O99		46	0%
P00		1974	0.4%
P01		332	0.1%
P02		1287	0.2%
P03		218	0%
P04		22	0%
P05		56	0%
P07		1719	0.3%
P08		2	0%
P10		1	0%
P11		3	0%
P12		5	0%
P15		2	0%
P20		465	0.1%
P21		424	0.1%
P22		907	0.2%
P23		182	0%
P24		423	0.1%
P25		40	0%
P26		257	0%
P27		6	0%
P28		169	0%

P29		232	0%
P35		26	0%
P36		1139	0.2%
P37		18	0%
P38		2	0%
P39		62	0%
P50		3	0%
P51		1	0%
P52		130	0%
P53		8	0%
P54		19	0%
P55		21	0%
P56		2	0%
P57		18	0%
P58		25	0%
P59		52	0%
P60		48	0%
P61		63	0%
P70		56	0%
P76		6	0%
P77		251	0%
P78		100	0%
P80		51	0%
P81		3	0%
P83		69	0%
P90		35	0%
P91		462	0.1%
P92		8	0%
P94		1	0%
P95		7952	1.5%
P96		240	0%
Q00		52	0%
Q01		24	0%
Q02		7	0%
Q03		131	0%
Q04		83	0%
Q05		53	0%
Q07		5	0%
Q14		1	0%

Q18		1	0%
Q20		20	0%
Q21		125	0%
Q22		27	0%
Q23		30	0%
Q24		641	0.1%
Q25		94	0%
Q26		4	0%
Q27		14	0%
Q28		5	0%
Q30		6	0%
Q31		13	0%
Q32		9	0%
Q33		34	0%
Q35		9	0%
Q36		2	0%
Q38		1	0%
Q39		24	0%
Q40		3	0%
Q41		36	0%
Q42		6	0%
Q43		38	0%
Q44		81	0%
Q45		3	0%
Q51		1	0%
Q52		2	0%
Q55		6	0%
Q56		1	0%
Q60		15	0%
Q61		54	0%
Q62		4	0%
Q63		36	0%
Q64		11	0%
Q66		2	0%
Q71		2	0%
Q74		8	0%
Q75		9	0%
Q76		3	0%
Q77		17	0%

Q78		15	0%
Q79		99	0%
Q80		4	0%
Q81		15	0%
Q82		3	0%
Q84		1	0%
Q85		17	0%
Q86		106	0%
Q87		33	0%
Q89		482	0.1%
Q90		293	0.1%
Q91		202	0%
Q92		7	0%
Q93		4	0%
Q96		3	0%
Q99		20	0%
R00		7	0%
R02		32	0%
R04		24	0%
R05		41	0%
R06		47	0%
R07		195	0%
R09		1379	0.3%
R10		108	0%
R11		48	0%
R12		1	0%
R13		3	0%
R16		2	0%
R17		19	0%
R18		18	0%
R19		29	0%
R21		1	0%
R22		7	0%
R26		4	0%
R27		1	0%
R33		4	0%
R34		1	0%
R35		1	0%
R39		2	0%

R40		19	0%
R41		3	0%
R42		1	0%
R47		1	0%
R50		39	0%
R51		28	0%
R52		2	0%
R53		11	0%
R54		2298	0.4%
R55		16	0%
R56		103	0%
R57		186	0%
R58		4	0%
R60		13	0%
R62		33	0%
R63		6	0%
R64		8	0%
R68		1	0%
R73		62	0%
R90		1	0%
R91		1	0%
R95		245	0%
R96		13	0%
R99		67581	13.1%
U04		2	0%
U07		9302	1.8%
U51		267	0.1%
U52		20	0%
V01		1	0%
V03		1	0%
V09		620	0.1%
V19		29	0%
V23		1	0%
V29		39	0%
V45		1	0%
V49		400	0.1%
V59		1	0%
V80		2	0%
V81		10	0%

V84		6	0%
V87		1	0%
V89		3612	0.7%
V95		2	0%
V97		1	0%
W02		1	0%
W06		1	0%
W11		2	0%
W13		5	0%
W15		2	0%
W17		19	0%
W19		134	0%
W20		8	0%
W25		1	0%
W30		1	0%
W31		1	0%
W34		11452	2.2%
W39		1	0%
W40		4	0%
W43		2	0%
W44		17	0%
W49		716	0.1%
W50		1	0%
W53		1	0%
W54		33	0%
W55		9	0%
W57		3	0%
W58		2	0%
W64		1	0%
W69		4	0%
W74		2021	0.4%
W75		1	0%
W76		5075	1%
W77		5	0%
W78		107	0%
W79		38	0%
W80		555	0.1%
W83		3	0%
W84		138	0%

W87		605	0.1%
W94		1	0%
X08		1	0%
X09		2855	0.6%
X10		1	0%
X11		15	0%
X12		1	0%
X14		8	0%
X15		1	0%
X19		2	0%
X20		27	0%
X21		4	0%
X22		2	0%
X23		11	0%
X25		1	0%
X30		4	0%
X31		210	0%
X33		113	0%
X40		4	0%
X41		6	0%
X42		7	0%
X44		331	0.1%
X45		48	0%
X46		10	0%
X47		155	0%
X48		591	0.1%
X49		1460	0.3%
X53		7	0%
X58		52	0%
X59		24162	4.7%
X61		1	0%
X62		1	0%
X64		211	0%
X66		2	0%
X68		4	0%
X69		5	0%
X70		135	0%
X74		6	0%
X76		1	0%

X78		2	0%
X84		46	0%
X85		1	0%
X91		10	0%
X95		19	0%
X99		5175	1%
Y00		12	0%
Y05		11	0%
Y06		13	0%
Y08		19	0%
Y09		708	0.1%
Y10		7	0%
Y11		18	0%
Y12		7	0%
Y13		3	0%
Y14		247	0%
Y15		100	0%
Y16		12	0%
Y17		79	0%
Y18		427	0.1%
Y19		322	0.1%
Y20		773	0.2%
Y30		1	0%
Y33		26	0%
Y40		7	0%
Y41		5	0%
Y42		4	0%
Y43		8	0%
Y44		101	0%
Y45		33	0%
Y46		3	0%
Y47		1	0%
Y48		10	0%
Y49		7	0%
Y51		5	0%
Y52		6	0%
Y53		5	0%
Y57		94	0%
Y59		2	0%

Y60		1	0%
Y61		1	0%
Y65		22	0%
Y81		2	0%
Y83		1401	0.3%
Y84		199	0%
Y86		30	0%
Y87		8	0%
Y88		11	0%

UNDERLYINGBROADGRP: UnderlyingBroadGrp

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
A00-A09		5605	1.1%
A15-A19		20941	4.1%
A30-A49		7370	1.4%
A50-A64		134	0%
A65-A69		1	0%
A70-A74		1	0%
A75-A79		3	0%
A80-A89		88	0%
B00-B09		67	0%
B15-B19		271	0.1%
B20-B24		21431	4.2%
B25-B34		13486	2.6%
B35-B49		1371	0.3%
B50-B64		144	0%
B65-B83		61	0%
B85-B89		4	0%
B90-B94		752	0.1%
B99		64	0%

C00-C14		1009	0.2%
C15-C26		10040	1.9%
C30-C39		5780	1.1%
C40-C41		146	0%
C43-C44		817	0.2%
C45-C49		688	0.1%
C50		4171	0.8%
C51-C58		5574	1.1%
C60-C63		3994	0.8%
C64-C68		1137	0.2%
C69-C72		819	0.2%
C73-C75		255	0%
C76-C80		4771	0.9%
C81-C96		3098	0.6%
D00-D09		5	0%
D10-D36		165	0%
D37-D48		896	0.2%
D50-D53		78	0%
D55-D59		55	0%
D60-D64		1894	0.4%
D65-D69		384	0.1%
D70-D77		118	0%
D80-D89		2638	0.5%
E00-E07		438	0.1%
E10-E14		33470	6.5%
E15-E16		1082	0.2%
E20-E35		74	0%
E40-E46		1046	0.2%
E50-E64		73	0%
E65-E68		333	0.1%
E70-E90		3859	0.7%
F00-F09		1299	0.3%
F10-F19		764	0.1%
F20-F29		208	0%
F30-F39		85	0%
F40-F48		10	0%
F50-F59		9	0%
F60-F69		1	0%
F70-F79		40	0%

F80-F89		14	0%
F90-F98		2	0%
F99		29	0%
G00-G09		1825	0.4%
G10-G14		199	0%
G20-G26		413	0.1%
G30-G32		662	0.1%
G35-G37		72	0%
G40-G47		4011	0.8%
G50-G59		4	0%
G60-G64		105	0%
G70-G73		112	0%
G80-G83		1016	0.2%
G90-G99		987	0.2%
H00-H06		1	0%
H10-H13		2	0%
H40-H42		6	0%
H46-H48		1	0%
H53-H54		2	0%
H55-H59		1	0%
H60-H62		1	0%
H65-H75		39	0%
H80-H83		1	0%
I00-I02		5	0%
I05-I09		190	0%
I10-I15		31871	6.2%
I20-I25		13376	2.6%
I26-I28		3038	0.6%
I30-I52		20762	4%
I60-I69		29425	5.7%
I70-I79		1395	0.3%
I80-I89		643	0.1%
I95-I99		162	0%
J00-J06		132	0%
J09-J18		20129	3.9%
J20-J22		4724	0.9%
J30-J39		48	0%
J40-J47		12174	2.4%
J60-J70		1022	0.2%

J80-J84		2013	0.4%
J85-J86		218	0%
J90-J94		377	0.1%
J95-J99		4608	0.9%
K00-K14		49	0%
K20-K31		2248	0.4%
K35-K38		196	0%
K40-K46		311	0.1%
K50-K52		529	0.1%
K55-K64		1674	0.3%
K65-K67		174	0%
K70-K77		3507	0.7%
K80-K87		1241	0.2%
K90-K93		1363	0.3%
L00-L08		354	0.1%
L10-L14		19	0%
L20-L30		29	0%
L40-L45		7	0%
L50-L54		59	0%
L60-L75		1	0%
L80-L99		906	0.2%
M00-M25		869	0.2%
M30-M36		627	0.1%
M40-M54		67	0%
M60-M79		261	0.1%
M80-M94		114	0%
N00-N08		166	0%
N10-N16		258	0.1%
N17-N19		8423	1.6%
N20-N23		6	0%
N25-N29		326	0.1%
N30-N39		582	0.1%
N40-N51		373	0.1%
N60-N64		20	0%
N70-N77		37	0%
N80-N98		108	0%
O00-O08		95	0%
O10-O16		154	0%
O20-O29		10	0%

O30-O48		36	0%
O60-O75		139	0%
O85-O92		72	0%
O94-O99		70	0%
P00-P04		3833	0.7%
P05-P08		1777	0.3%
P10-P15		11	0%
P20-P29		3105	0.6%
P35-P39		1247	0.2%
P50-P61		390	0.1%
P70-P74		56	0%
P75-P78		357	0.1%
P80-P83		123	0%
P90-P96		8698	1.7%
Q00-Q07		355	0.1%
Q10-Q18		2	0%
Q20-Q28		960	0.2%
Q30-Q34		62	0%
Q35-Q37		11	0%
Q38-Q45		192	0%
Q50-Q56	Q50-Q56	10	0%
Q60-Q64		120	0%
Q65-Q79		155	0%
Q80-Q89		661	0.1%
Q90-Q99		529	0.1%
R00-R09		1725	0.3%
R10-R19		228	0%
R20-R23		8	0%
R25-R29		5	0%
R30-R39		8	0%
R40-R46		23	0%
R47-R49		1	0%
R50-R69		2748	0.5%
R70-R79		62	0%
R90-R94	R90-R94	2	0%
R95-R99		67839	13.2%
U07		9304	1.8%
V01-V99		4727	0.9%
W00-X59		51059	9.9%

X60-X84		414	0.1%
X85-Y09		5968	1.2%
Y10-Y34		2022	0.4%
Y40-Y84		1917	0.4%
Y85-Y89		49	0%

UNDERLYINGMAINGRP: UnderlyingMainGrp

Data file: mcd-2022-causes-horizontal

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
A00-B99		71794	13.9%
C00-D48		43365	8.4%
D50-D89		5167	1%
E00-E90		40375	7.8%
F00-F99		2461	0.5%
G00-G99		9406	1.8%
H00-H59		13	0%
H60-H95		41	0%
I00-I99		100867	19.6%
J00-J99		45445	8.8%
K00-K93		11292	2.2%
L00-L99		1375	0.3%
M00-M99		1938	0.4%
N00-N99		10299	2%
O00-O99		576	0.1%
P00-P96		19597	3.8%
Q00-Q99		3057	0.6%
R00-R99		72649	14.1%
U07		9304	1.8%
V01-Y98		66156	12.8%

PART2INJURY: Injury codes for cause on part 2**Data file: mcd-2022-causes-horizontal****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
111		8973	1.7%
888		506066	98.2%
NULL		138	0%

SERIALNO: Serial number

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

DEATHYEAR: Death year

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 1997 - 2022 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1997	1997	45	0%
1998	1998	44	0%
1999	1999	40	0%
2000	2000	86	0%
2001	2001	41	0%
2002	2002	83	0%
2003	2003	60	0%
2004	2004	47	0%
2005	2005	49	0%
2006	2006	36	0%
2007	2007	40	0%
2008	2008	54	0%
2009	2009	46	0%
2010	2010	46	0%
2011	2011	79	0%
2012	2012	107	0%
2013	2013	142	0%
2014	2014	78	0%
2015	2015	199	0%
2016	2016	451	0.1%
2017	2017	479	0.1%
2018	2018	666	0.1%
2019	2019	552	0.1%

2020	2020	3056	0.6%
2021	2021	7228	1.4%
2022	2022	501423	97.3%

DEATHMONTH: Death month

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	January	46035	8.9%
2	February	36820	7.1%
3	March	40700	7.9%
4	April	41978	8.1%
5	May	47362	9.2%
6	June	47911	9.3%
7	July	46399	9%
8	August	44247	8.6%
9	September	41131	8%
10	October	41392	8%
11	November	39199	7.6%
12	December	42003	8.2%
99	Unspecified	0	0%

DEATHDAY: Death day

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	1	17625	3.4%
2	2	17796	3.5%
3	3	18006	3.5%
4	4	17897	3.5%
5	5	17503	3.4%
6	6	17484	3.4%
7	7	16895	3.3%
8	8	16995	3.3%
9	9	16898	3.3%
10	10	17584	3.4%
11	11	17440	3.4%
12	12	17395	3.4%
13	13	16890	3.3%
14	14	16434	3.2%
15	15	16419	3.2%
16	16	16733	3.2%
17	17	16881	3.3%
18	18	16417	3.2%
19	19	16229	3.2%
20	20	16922	3.3%
21	21	16651	3.2%
22	22	17262	3.4%
23	23	16290	3.2%
24	24	16483	3.2%
25	25	16841	3.3%
26	26	16315	3.2%
27	27	16463	3.2%
28	28	16467	3.2%
29	29	15032	2.9%
30	30	15331	3%
31	31	9599	1.9%

BIRTHYEAR: Birth year

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 1900 - 2022 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1900	1900	1	0%
1901	1901	8	0%
1902	1902	21	0%
1903	1903	25	0%
1904	1904	25	0%
1905	1905	18	0%
1906	1906	15	0%
1907	1907	18	0%
1908	1908	15	0%
1909	1909	28	0%
1910	1910	40	0%
1911	1911	14	0%
1912	1912	43	0%
1913	1913	20	0%
1914	1914	78	0%
1915	1915	53	0%
1916	1916	74	0%
1917	1917	67	0%
1918	1918	251	0%
1919	1919	273	0.1%
1920	1920	664	0.1%
1921	1921	832	0.2%
1922	1922	903	0.2%
1923	1923	560	0.1%
1924	1924	931	0.2%
1925	1925	1142	0.2%
1926	1926	1435	0.3%
1927	1927	1671	0.3%
1928	1928	2104	0.4%
1929	1929	2728	0.5%
1930	1930	4193	0.8%
1931	1931	2623	0.5%
1932	1932	3788	0.7%
1933	1933	3755	0.7%
1934	1934	4316	0.8%

1935	1935	4395	0.9%
1936	1936	5506	1.1%
1937	1937	4946	1%
1938	1938	5845	1.1%
1939	1939	6120	1.2%
1940	1940	8171	1.6%
1941	1941	5645	1.1%
1942	1942	7309	1.4%
1943	1943	6435	1.2%
1944	1944	6625	1.3%
1945	1945	6898	1.3%
1946	1946	7275	1.4%
1947	1947	7780	1.5%
1948	1948	8294	1.6%
1949	1949	8324	1.6%
1950	1950	8993	1.7%
1951	1951	7208	1.4%
1952	1952	9228	1.8%
1953	1953	8577	1.7%
1954	1954	8493	1.6%
1955	1955	8284	1.6%
1956	1956	8695	1.7%
1957	1957	8449	1.6%
1958	1958	9123	1.8%
1959	1959	8306	1.6%
1960	1960	8608	1.7%
1961	1961	7314	1.4%
1962	1962	8164	1.6%
1963	1963	7868	1.5%
1964	1964	7381	1.4%
1965	1965	7045	1.4%
1966	1966	6404	1.2%
1967	1967	6008	1.2%
1968	1968	6752	1.3%
1969	1969	6293	1.2%
1970	1970	6482	1.3%
1971	1971	5361	1%
1972	1972	6322	1.2%
1973	1973	5794	1.1%

1974	1974	6120	1.2%
1975	1975	5987	1.2%
1976	1976	5536	1.1%
1977	1977	5514	1.1%
1978	1978	5499	1.1%
1979	1979	5843	1.1%
1980	1980	6244	1.2%
1981	1981	5635	1.1%
1982	1982	6418	1.2%
1983	1983	6176	1.2%
1984	1984	6115	1.2%
1985	1985	6147	1.2%
1986	1986	5812	1.1%
1987	1987	5722	1.1%
1988	1988	5544	1.1%
1989	1989	5494	1.1%
1990	1990	5467	1.1%
1991	1991	5136	1%
1992	1992	4882	0.9%
1993	1993	4393	0.9%
1994	1994	4227	0.8%
1995	1995	3923	0.8%
1996	1996	3792	0.7%
1997	1997	3427	0.7%
1998	1998	3097	0.6%
1999	1999	2800	0.5%
2000	2000	2918	0.6%
2001	2001	2225	0.4%
2002	2002	2068	0.4%
2003	2003	1760	0.3%
2004	2004	1599	0.3%
2005	2005	1454	0.3%
2006	2006	1245	0.2%
2007	2007	1003	0.2%
2008	2008	864	0.2%
2009	2009	709	0.1%
2010	2010	605	0.1%
2011	2011	559	0.1%
2012	2012	559	0.1%

2013	2013	545	0.1%
2014	2014	523	0.1%
2015	2015	571	0.1%
2016	2016	596	0.1%
2017	2017	744	0.1%
2018	2018	1104	0.2%
2019	2019	1339	0.3%
2020	2020	2748	0.5%
2021	2021	8285	1.6%
2022	2022	32752	6.4%

BIRTHMONTH: Birth month

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	January	51152	9.9%
2	February	39984	7.8%
3	March	45883	8.9%
4	April	43172	8.4%
5	May	41839	8.1%
6	June	48105	9.3%
7	July	40619	7.9%
8	August	41471	8%
9	September	42255	8.2%
10	October	40529	7.9%
11	November	37764	7.3%
12	December	42404	8.2%
99	Unspecified	0	0%

BIRTHDAY: Birth day

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	26354	5.1%
2	2	19494	3.8%
3	3	19128	3.7%
4	4	18781	3.6%
5	5	18884	3.7%
6	6	19184	3.7%
7	7	17270	3.4%
8	8	16771	3.3%
9	9	15843	3.1%
10	10	21757	4.2%
11	11	16702	3.2%
12	12	19681	3.8%
13	13	15134	2.9%
14	14	15818	3.1%
15	15	19134	3.7%
16	16	17715	3.4%
17	17	15268	3%
18	18	15094	2.9%
19	19	13967	2.7%
20	20	17208	3.3%
21	21	14600	2.8%
22	22	14822	2.9%
23	23	15039	2.9%
24	24	15570	3%
25	25	17555	3.4%
26	26	14865	2.9%
27	27	15011	2.9%
28	28	16181	3.1%
29	29	12901	2.5%
30	30	12313	2.4%
31	31	7133	1.4%

REGISTRATIONYEAR: Registration year

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 2000 - 2024 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2000	2000	2	0%
2001	2001	1	0%
2002	2002	1	0%
2004	2004	1	0%
2005	2005	2	0%
2006	2006	1	0%
2008	2008	1	0%
2009	2009	3	0%
2010	2010	3	0%
2011	2011	11	0%
2012	2012	56	0%
2013	2013	117	0%
2014	2014	48	0%
2015	2015	175	0%
2016	2016	417	0.1%
2017	2017	439	0.1%
2018	2018	634	0.1%
2019	2019	504	0.1%
2020	2020	2512	0.5%
2021	2021	6271	1.2%
2022	2022	497839	96.6%
2023	2023	5693	1.1%
2024	2024	446	0.1%

REGISTRATIONMONTH: Registration month

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	January	45086	8.8%
2	February	36313	7%
3	March	41382	8%
4	April	39875	7.7%
5	May	48004	9.3%
6	June	48110	9.3%
7	July	44454	8.6%
8	August	47747	9.3%
9	September	42100	8.2%
10	October	40770	7.9%
11	November	40596	7.9%
12	December	40740	7.9%
99	Unspecified	0	0%

REGISTRATIONDAY: Registration day

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	1	15419	3%
2	2	12210	2.4%
3	3	19855	3.9%
4	4	19557	3.8%
5	5	18516	3.6%
6	6	16608	3.2%
7	7	20434	4%

8	8	17124	3.3%
9	9	13736	2.7%
10	10	18041	3.5%
11	11	18419	3.6%
12	12	17382	3.4%
13	13	15940	3.1%
14	14	20053	3.9%
15	15	15514	3%
16	16	12279	2.4%
17	17	17064	3.3%
18	18	14887	2.9%
19	19	20067	3.9%
20	20	16880	3.3%
21	21	17393	3.4%
22	22	19108	3.7%
23	23	15537	3%
24	24	15812	3.1%
25	25	17440	3.4%
26	26	13957	2.7%
27	27	12514	2.4%
28	28	23483	4.6%
29	29	15726	3.1%
30	30	13398	2.6%
31	31	10824	2.1%

PROCESSINGYEAR: Processing year

Data file: mcd-2022-date

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2022 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2022	2022	515177	100%

SERIALNO: Serial number

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Width: 11 Range: - Format: character

DEATHTYPE: Death type (Individual death/Stillbirth)

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Individual death	498967	96.9%
2	Stillbirth	16210	3.1%

AGEYEAR: Age in completed years

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 122 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	0	39680	7.7%
1	1	3610	0.7%
2	2	1631	0.3%
3	3	1102	0.2%
4	4	839	0.2%
5	5	631	0.1%
6	6	572	0.1%
7	7	509	0.1%
8	8	543	0.1%

9	9	515	0.1%
10	10	545	0.1%
11	11	565	0.1%
12	12	660	0.1%
13	13	794	0.2%
14	14	914	0.2%
15	15	1128	0.2%
16	16	1299	0.3%
17	17	1572	0.3%
18	18	1631	0.3%
19	19	1936	0.4%
20	20	2122	0.4%
21	21	2488	0.5%
22	22	2971	0.6%
23	23	2964	0.6%
24	24	3339	0.6%
25	25	3645	0.7%
26	26	3857	0.7%
27	27	4095	0.8%
28	28	4371	0.8%
29	29	4569	0.9%
30	30	5105	1%
31	31	5309	1%
32	32	5542	1.1%
33	33	5547	1.1%
34	34	5659	1.1%
35	35	5716	1.1%
36	36	6017	1.2%
37	37	6124	1.2%
38	38	6226	1.2%
39	39	6265	1.2%
40	40	5973	1.2%
41	41	5967	1.2%
42	42	6095	1.2%
43	43	5663	1.1%
44	44	5435	1.1%
45	45	5454	1.1%
46	46	5834	1.1%
47	47	6117	1.2%

48	48	5880	1.1%
49	49	6053	1.2%
50	50	5855	1.1%
51	51	5861	1.1%
52	52	6566	1.3%
53	53	6490	1.3%
54	54	6372	1.2%
55	55	6218	1.2%
56	56	6797	1.3%
57	57	7127	1.4%
58	58	7585	1.5%
59	59	8046	1.6%
60	60	7827	1.5%
61	61	7909	1.5%
62	62	8555	1.7%
63	63	8687	1.7%
64	64	8790	1.7%
65	65	8540	1.7%
66	66	8496	1.6%
67	67	8327	1.6%
68	68	8536	1.7%
69	69	8884	1.7%
70	70	8110	1.6%
71	71	8119	1.6%
72	72	8756	1.7%
73	73	8274	1.6%
74	74	8016	1.6%
75	75	7527	1.5%
76	76	7028	1.4%
77	77	6792	1.3%
78	78	6541	1.3%
79	79	6779	1.3%
80	80	6554	1.3%
81	81	6714	1.3%
82	82	7228	1.4%
83	83	6010	1.2%
84	84	5347	1%
85	85	5222	1%
86	86	4963	1%

87	87	4289	0.8%
88	88	4090	0.8%
89	89	3692	0.7%
90	90	3279	0.6%
91	91	3328	0.6%
92	92	3412	0.7%
93	93	2417	0.5%
94	94	1850	0.4%
95	95	1555	0.3%
96	96	1294	0.3%
97	97	1019	0.2%
98	98	733	0.1%
99	99	510	0.1%
100	100	1186	0.2%
101	101	648	0.1%
102	102	429	0.1%
103	103	232	0%
104	104	176	0%
105	105	63	0%
106	106	58	0%
107	107	69	0%
108	108	47	0%
109	109	28	0%
110	110	30	0%
111	111	27	0%
112	112	35	0%
113	113	19	0%
114	114	21	0%
115	115	15	0%
116	116	14	0%
117	117	21	0%
118	118	23	0%
119	119	23	0%
120	120	18	0%
122	122	1	0%

SEX: Sex of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	275266	53.4%
2	Female	239275	46.4%
3	Undeterminable	216	0%
9	Unspecified	420	0.1%

MSTATUS: Marital status of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Never married	188687	36.6%
2	Married	104270	20.2%
3	Widowed	51110	9.9%
4	Divorced	11089	2.2%
5	Not applicable	50743	9.8%
9	Unspecified	109278	21.2%

RELATIONSHIP: Relationship of informant to deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Parent	121230	23.5%
2	Spouse	39422	7.7%
3	Child	60244	11.7%
5	Other	192593	37.4%
9	Unspecified	101688	19.7%

EDUCODE: Education of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	None	27336	5.3%
1	Grade R	2569	0.5%
2	Sub A Gr 1	2668	0.5%
3	Sub B Gr 2	5056	1%
4	Std 1 Gr 3	5861	1.1%
5	Std 2 Gr 4	9782	1.9%
6	Std 3 Gr 5	9344	1.8%
7	Std 4 Gr 6	9982	1.9%
8	Std 5 Gr 7	16087	3.1%
9	Std 6 Gr 8	20593	4%
10	Std 7 Gr 9	11790	2.3%
11	Std 8 Gr 10 Form 3 NTC1	23521	4.6%
12	Std 9 Gr 11 Form 4 NTC2	15494	3%
13	Std 10 Gr 12 Form 5 NTC3	46137	9%
14	University / Technikon	13557	2.6%
97	Unknown	43387	8.4%
98	Not applicable	46862	9.1%
99	Unspecified	205151	39.8%

OCCUPATIONGRP: Groups of occupation of deceased**Data file: mcd-2022-deceased****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Occupations unspecified and not elsewhere specified and not economically active persons	401260	77.9%
1	Managers	4268	0.8%
2	Professionals	3277	0.6%
3	Technicians and associate professionals	5660	1.1%
4	Clerical support workers	4874	0.9%
5	Service and sales workers and armed forces	7368	1.4%
6	Skilled agricultural and fishery workers	1488	0.3%
7	Craft and related trade workers	7401	1.4%
8	Plant and machine operators and assemblers	5391	1%
9	Elementary occupations	21056	4.1%
99	Unspecified	53134	10.3%

INDUSTRY: Type of business / industry where the deceased was working**Data file: mcd-2022-deceased****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Private household, extraterritorial organisations, representatives of foreign governments & other activities not adequately defined	10212	2%
1	Agriculture, hunting, forestry and fishing	6224	1.2%
2	Mining and quarrying	3345	0.6%
3	Manufacturing	3419	0.7%
4	Electricity, gas and water supply	1428	0.3%
5	Construction	4459	0.9%

6	Wholesale and retail; repair of motor cycles and personal and household goods; hotels and restaurants	5842	1.1%
7	Transport storage and communication	4894	0.9%
8	Financial intermediation insurance, real estate and business services	2661	0.5%
9	Community, social and personal services	12436	2.4%
97	Unknown	2194	0.4%
98	Not applicable	53111	10.3%
99	Unspecified	404952	78.6%

SMOKER: Smoking status of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	93097	18.1%
2	No	183280	35.6%
3	Do not know	27987	5.4%
4	Not applicable	53176	10.3%
9	Unspecified	157637	30.6%

PREGNANCY: Pregnancy status of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	564	0.1%
2	No	16506	3.2%
3	Unknown	440603	85.5%

9	Unspecified	57504	11.2%
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POPGROUP: Population group

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Black African	355449	69%
2	White	47246	9.2%
3	Indian or Asian	11157	2.2%
4	Coloured	39117	7.6%
5	Other	1464	0.3%
9	Unspecified	60744	11.8%

CITIZENSHIP: Citizenship of deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	South Africa	498254	96.7%
2	Zimbabwe	4877	0.9%
3	Swaziland	266	0.1%
4	Botswana	60	0%
5	Lesotho	1845	0.4%
6	Mozambique	2352	0.5%
7	Namibia	43	0%
8	Mauritius	3	0%
9	Angola	52	0%

10	Zambia	76	0%
11	Malawi	863	0.2%
12	Tanzania	71	0%
13	Madagascar	118	0%
14	DRC	187	0%
15	Other	2407	0.5%
97	Unknown	714	0.1%
99	Unspecified	2989	0.6%

BIRTHPROVINCE: Province of birth of the deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	30173	5.9%
2	Eastern Cape	77767	15.1%
3	Northern Cape	13439	2.6%
4	Free State	30096	5.8%
5	KwaZulu-Natal	78078	15.2%
6	North West	28303	5.5%
7	Gauteng	47039	9.1%
8	Mpumalanga	27731	5.4%
9	Limpopo	47405	9.2%
98	Outside South Africa	15460	3%
99	Unspecified	119686	23.2%

DEATHPROVINCE: Province of death occurrence

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	58568	11.4%
2	Eastern Cape	83719	16.3%
3	Northern Cape	16170	3.1%
4	Free State	32448	6.3%
5	KwaZulu-Natal	96028	18.6%
6	North West	33977	6.6%
7	Gauteng	111588	21.7%
8	Mpumalanga	33454	6.5%
9	Limpopo	48137	9.3%
98	Outside South Africa	1043	0.2%
99	Unspecified	45	0%

RESPROVINCE: Province of usual residence of the deceased

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Western Cape	57043	11.1%
2	Eastern Cape	87312	16.9%
3	Northern Cape	16229	3.2%
4	Free State	32990	6.4%
5	KwaZulu-Natal	93915	18.2%
6	North West	34581	6.7%
7	Gauteng	103806	20.1%
8	Mpumalanga	33592	6.5%
9	Limpopo	50026	9.7%
98		1169	0.2%
99	Unspecified	4514	0.9%

ASCERTAINMENT: Ascertainment of the cause of death**Data file: mcd-2022-deceased****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Autopsy	57941	11.2%
2	Post mortem examination	22609	4.4%
3	Opinion of attending medical practitioner	266509	51.7%
4	Opinion of attending medical practitioner on duty	67238	13.1%
5	Opinion of registered professional nurse	4469	0.9%
6	Interview of family member	65271	12.7%
7	Other	3907	0.8%
8	Autopsy results may be available later	211	0%
9	Autopsy not performed	5746	1.1%
98	Unknown	1542	0.3%
99	Unspecified	19734	3.8%

DEATHINST: Place of death**Data file: mcd-2022-deceased****Overview**

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Hospital	203460	39.5%
2	Emergency room/Outpatient	11222	2.2%
3	Dead on arrival	12414	2.4%
4	Nursing home	7229	1.4%
5	Home	124425	24.2%
6	Other	10458	2%
8	Unknown	1077	0.2%

9	Unspecified	144892	28.1%
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NATURALUNNATURAL: Natural/non-natural underlying causes of death

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Natural underlying cause	449019	87.2%
2	Non-natural underlying cause	66158	12.8%

BIRTHWEIGHT: Birth weight in grams

Data file: mcd-2022-deceased

Overview

Valid: 515177 Invalid: 0
 Type: Discrete Decimal: 0 Width: 4 Range: 500 - 9999 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
500	500	11133	2.2%
501	501	1	0%
502	502	1	0%
505	505	1	0%
506	506	1	0%
509	509	1	0%
510	510	26	0%
515	515	4	0%
520	520	29	0%
524	524	1	0%
525	525	4	0%
530	530	14	0%
535	535	1	0%

540	540	24	0%
542	542	1	0%
543	543	1	0%
545	545	5	0%
550	550	35	0%
552	552	1	0%
555	555	3	0%
558	558	1	0%
560	560	21	0%
565	565	4	0%
570	570	23	0%
575	575	8	0%
580	580	28	0%
585	585	4	0%
590	590	23	0%
595	595	5	0%
600	600	113	0%
5000	5000	3	0%
5007	5007	1	0%
5015	5015	1	0%
5040	5040	1	0%
5050	5050	1	0%
5090	5090	2	0%
5100	5100	2	0%
5103	5103	1	0%
5150	5150	1	0%
5173	5173	1	0%
5180	5180	1	0%
5200	5200	1	0%
5201	5201	1	0%
5220	5220	1	0%
5250	5250	1	0%
5270	5270	1	0%
5300	5300	2	0%
5303	5303	1	0%
5343	5343	1	0%
5350	5350	1	0%
5450	5450	1	0%
5459	5459	1	0%

5509	5509	1	0%
5520	5520	1	0%
5550	5550	1	0%
5600	5600	1	0%
5601	5601	1	0%
5609	5609	3	0%
5700	5700	1	0%
5709	5709	3	0%
5725	5725	1	0%
5798	5798	1	0%
5800	5800	2	0%
5825	5825	1	0%
5865	5865	1	0%
5900	5900	2	0%
5959	5959	1	0%
6000	6000	1979	0.4%
9998	Not applicable (individual deaths, i.e. not stillborns)	492047	95.5%
9999	Unspecified	9586	1.9%

Download related resources

Questionnaires

BI-1663 form: Notification / register of death / still birth

Title BI-1663 form: Notification / register of death / still birth
 Author(s) Statistics South Africa
 Date 2021
 Country South Africa
 Language English
 Filename mcb-BI-1663 form.pdf

DHA-1663B: Notice of death/ still birth form

Title DHA-1663B: Notice of death/ still birth form
 Author(s) Statistics South Africa
 Date 2021
 Country South Africa
 Language English
 Filename mcb-DHA-1663B.pdf

Other materials

Mortality and causes of death in South Africa, 2021

Title Mortality and causes of death in South Africa, 2021
 Author(s) Statistics South Africa
 Date 2021
 Country South Africa
 Language English
 Publisher(s) Statistics South Africa
 Description This is a codebook for the mcd 2021 data
 Filename mcd-2021-codebook.pdf

Mortality and causes of death in South Africa, 2022

Title Mortality and causes of death in South Africa, 2022
 Author(s) Statistics South Africa
 Date 2024
 Country South Africa
 Language English
 Description This is a codebook for the MCD 2022 data.
 Filename mcd-2022-codebook.pdf
