

# HOPE Data Submission Specifications (V1.00.0)

## Detailed Data Specifications Report

### Section: I

Item ID: I0010

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Principal diagnosis	Asmt		Code	2	586-587

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
01		Cancer
02		Dementia (including Alzheimer's disease)
03		Neurological Condition (e.g., Parkinson's disease, multiple sclerosis, amyotrophic lateral sclerosis (ALS))
04		Stroke
05		Chronic Obstructive Pulmonary Disease (COPD)
06		Cardiovascular (excluding heart failure)
07		Heart Failure
08		Liver Disease
09		Renal Disease
99		None of the above

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3097	Consistency	Fatal	If I0010=[02] then I4801 must equal [0].
-3098	Consistency	Fatal	If I0010=[03], then I5150 must equal [0].
-3099	Consistency	Fatal	If I0010=[04], then I4501 must equal [0].
-3100	Consistency	Fatal	If I0010=[05], then I6202 must equal [0].
-3101	Consistency	Fatal	If I0010=[06], then I0950 must equal [0].

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### Section: I

-3102	Consistency	Fatal	If I0010=[07], then I0600 must equal [0].
-3103	Consistency	Fatal	If I0010=[08], then I1101 must equal [0].
-3104	Consistency	Fatal	If I0010=[09], then I1510 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: 10100

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Cancer	Asmt		Checklist	1	781-781

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I0600

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Heart Failure	Asmt		Checklist	1	782-782

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3102	Consistency	Fatal	If I0010=[07], then I0600 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: 10900

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Peripheral Disease (PVD or PAD)	Asmt		Checklist	1	783-783

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I0950

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Cardiovascular (excluding heart failure)	Asmt		Checklist	1	784-784

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3101	Consistency	Fatal	If I0010=[06], then I0950 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I1101

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Liver disease (e.g., cirrhosis)	Asmt		Checklist	1	785-785

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3103	Consistency	Fatal	If I0010=[08], then I1101 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I6202

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Chronic Obstructive Pulmonary Disease (COPD)	Asmt		Checklist	1	794-794

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3100	Consistency	Fatal	If I0010=[05], then I6202 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I2102

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Sepsis	Asmt		Checklist	1	787-787

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I2900

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Diabetes Mellitus (DM)	Asmt		Checklist	1	788-788

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I2910

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Neuropathy	Asmt		Checklist	1	789-789

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I4501

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Stroke	Asmt		Checklist	1	790-790

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3099	Consistency	Fatal	If I0010=[04], then I4501 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I4801

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Dementia (including Alzheimer's disease)	Asmt		Checklist	1	791-791

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3097	Consistency	Fatal	If I0010=[02] then I4801 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I5150

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Neurological Conditions	Asmt		Checklist	1	792-792

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3098	Consistency	Fatal	If I0010=[03], then I5150 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I5401

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Seizure Disorder	Asmt		Checklist	1	793-793

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.

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## Detailed Data Specifications Report

### Section: I

Item ID: I1510

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Renal disease	Asmt		Checklist	1	786-786

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.
-3104	Consistency	Fatal	If I0010=[09], then I1510 must equal [0].

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## Detailed Data Specifications Report

### Section: I

Item ID: I8005

Item Label	Item Group	LOINC Code	Item Type	Max Length	Fixed Format Start-End Bytes
Other Medical Condition	Asmt		Checklist	1	795-795

#### Item Subsets

Active: HA  
Inactive: HUV,HD,XX

#### Item Values

Value	LOINC Code	Value Text
0		Not checked (No)
1		Checked (Yes)

#### Item Edits

Edit ID	Edit Type	Severity	Edit Text
-3009	Format	Fatal	Values of Code and Checklist Items: Only the coded values listed in the "Item Values" table of the Detailed Data Specifications Report may be submitted for this item.