

Package ‘healthyR.data’

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BugReports <https://github.com/spsanderson/healthyR.data/issues>

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current_asc_data	<i>Get Current Ambulatory Surgery Center Data.</i>
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Description

Get the current Ambulatory Surgery Center data.

Usage

```
current_asc_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

.data	The data that results from the <code>current_hosp_data()</code> function.
.data_sets	The default is: <code>c("Facility","State","National")</code> , which will bring back all of the data in the Ambulatory Surgery Center data sets that are in the file. You can choose from the following: <ul style="list-style-type: none"> • Facility • National • State

You can also pass things like `c("state","Nation")` as behind the scene only the Ambulatory Surgery Center datasets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Ambulatory Surgery Center data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current ASC data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_asc_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_asc_oas_cahps_data

Get Current Ambulatory Surgery Center Quality Reporting Data.

Description

Get the current Ambulatory Surgery Center data.

Usage

```
current_asc_oas_cahps_data(
  .data,
  .data_sets = c("Facility", "State", "National")
)
```

Arguments

- `.data` The data that results from the `current_hosp_data()` function.
- `.data_sets` The default is: `c("Facility","State","National")`, which will bring back all of the data sets that are in the Ambulatory Surgery Center OAS CAHPS data sets. You can choose from the following:
- Facility
 - National
 - State

You can also pass things like `c("state","Nation")` as behind the scenes only the Ambulatory Surgery Center data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Ambulatory Surgery Center data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current ASC data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_asc_oas_cahps_data(.data_sets = c("State", "National"))

## End(Not run)
```

`current_comp_death_data`*Get Current Complications and Death Data.*

Description

Get the current complications and death data.

Usage

```
current_comp_death_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Facility","State","National")</code> , which will bring back all of the data sets that are in the Complications and death data sets. You can choose from the following: <ul style="list-style-type: none">• Facility• National• State

You can also pass things like `c("state","Nation")` as behind the scenes only the Complications and Death data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Complications and Death data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Complications and Death data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`

```
current_pch_hcahps_data(), current_pch_oncology_measures_hospital_data(), current_pch_outcomes_data(),
current_timely_and_effective_care_data(), current_unplanned_hospital_visits_data,
current_va_data()
```

Examples

```
## Not run:
current_hosp_data() |>
  current_comp_death_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_hai_data	<i>Get Current Hospital Associated Infection Data.</i>
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Description

Get the current hospital associated infection data.

Usage

```
current_hai_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

.data	The data that results from the <code>current_hosp_data()</code> function.
.data_sets	The default is: <code>c("Facility", "State", "National")</code> , which will bring back all of the data sets that are in the hospital associated infections data sets. You can choose from the following: <ul style="list-style-type: none"> • Facility • National • State

You can also pass things like `c("state", "Nation")` as behind the scenes only the hospital associated infections data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current hospital associated infections data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current hospital associated infection data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_hai_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_hcahps_data *Get Current HCAHPS Data.*

Description

Get the current hcahps data.

Usage

```
current_hcahps_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

`.data` The data that results from the `current_hosp_data()` function.

`.data_sets` The default is: `c("Facility", "State", "National")`, which will bring back all of the data sets that are in the HCAPS data sets. You can choose from the following:

- Facility
- National
- State

You can also pass things like `c("state", "Nation")` as behind the scenes only the hcahps data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current HCAPHS data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Complications and Death data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_hcahps_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_hosp_data *Download Current Hospital Data Files.*

Description

Download the current Hospital Data Sets.

Usage

```
current_hosp_data()
```


Details

This function will download the current and the official hospital data sets from the **CMS.gov** website.

The function makes use of a temporary directory and file to save and unzip the data. This will grab the current Hospital Data Files, unzip them and return a list of tibbles with each tibble named after the data file.

The function returns a list object with all of the current hospital data as a tibble. It does not save the data anywhere so if you want to save it you will have to do that manually.

This also means that you would have to store the data as a variable in order to access the data later on. It does have a given attributes and a class so that it can be piped into other functions.

Value

Downloads the current hospital data sets.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:  
  current_hosp_data()  
  
## End(Not run)
```

current_hosp_data_dict

Download Hospital Data Dictionary

Description

Download the Hospital Data Dictionary

Usage

```
current_hosp_data_dict(.open_folder = FALSE)
```

Arguments

`.open_folder` The default is FALSE. If set to TRUE then the folder where the file was saved to will be opened.

Details

This function will download the current Hospital Data Dictionary for the official hospital data sets from the **CMS.gov** website. The function makes use of `utils::choose.dir()` and will ask the user where to save the file.

Value

Downloads the current hospital data dictionary to a place specified by the user.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Examples

```
## Not run:  
current_hosp_data_dict()  
  
## End(Not run)
```

current_hvbp_data *Get Current Hospital Value Based Purchasing Data.*

Description

Get the current hospital hospital value based purchasing data.

Usage

```
current_hvbp_data(  
  .data,  
  .data_sets = c("Outcomes", "Efficiency", "Engagement", "Safety", "TPS")  
)
```

Arguments

- `.data` The data that results from the `current_hosp_data()` function.
- `.data_sets` The default is: `c("Outcomes","TPS")`, which will bring back all of the data sets that are in the hospital VBP data sets. You can choose from the following:
- Outcomes
 - Efficiency
 - Engagement
 - Safety
 - TPS

You can also pass things like `c("tps","Safety")` as behind the scenes only the hospital vbp data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current hospital VBP data from the output of the [current_hosp_data\(\)](#) function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current hospital vbp data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_hvbp_data(.data_sets = c("Outcomes", "Safety"))

## End(Not run)
```

current_ipfqr_data *Get Current Inpatient Psychiatric Facility Quality Measure Data.*

Description

Get the current Inpatient Psychiatric Facility data.

Usage

```
current_ipfqr_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

.data	The data that results from the <code>current_hosp_data()</code> function.
.data_sets	The default is: <code>c("Facility","State","National")</code> , which will bring back all of the data in the Inpatient Psychiatric Facility data sets that are in the file. You can choose from the following: <ul style="list-style-type: none"> • Facility • National • State <p>You can also pass things like <code>c("state","Nation")</code> as behind the scenes only the Inpatient Psychiatric Facility data sets are available to the function to choose from and <code>grep</code> is used to find matches with <code>ignore.case = TRUE</code> set.</p>

Details

This function will obtain the current Inpatient Psychiatric Facility data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current IPFQR data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:  
current_hosp_data() |>  
  current_ipfqr_data(.data_sets = c("State", "National"))  
  
## End(Not run)
```

current_maternal_data *Get Current Maternal Health Data.*

Description

Get the current Maternal Health data.

Usage

```
current_maternal_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Facility", "State", "National")</code> , which will bring back all of the data in the Maternal Health data sets that are in the file. You can choose from the following: <ul style="list-style-type: none">• Facility• National• State You can also pass things like <code>c("state", "Nation")</code> as behind the scenes only the Maternal Health data sets are available to the function to choose from and <code>grep</code> is used to find matches with <code>ignore.case = TRUE</code> set.

Details

This function will obtain the current Maternal Health data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Maternal Health data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_maternal_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_medicare_hospital_spending_data

Get Current Medicare Hospital Spending Data.

Description

Get the current Medicare Hospital Spending data.

Usage

```
current_medicare_hospital_spending_data(
  .data,
  .data_sets = c("Claim", "Facility", "State", "National")
)
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Claim", "Facility", "State", "National")</code> , which will bring back all of the data in the Medicare Hospital Spending data sets that are in the file. You can choose from the following: <ul style="list-style-type: none"> • Claim • Facility • National • State

You can also pass things like `c("state", "Nation")` as behind the scenes only the Medicare Hospital Spending data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Medicare Hospital Spending data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Medicare Hospital Spending data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_maternal_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_oqr_oas_cahps_data

Get Current OAS CAHPS Data.

Description

Get the current OAS CAHPS data.

Usage

```
current_oqr_oas_cahps_data(
  .data,
  .data_sets = c("Facility", "State", "National")
)
```

Arguments

- `.data` The data that results from the `current_hosp_data()` function.
- `.data_sets` The default is: `c("Claim","Facility","State","National")`, which will bring back all of the data in the OAS CAHPS data sets that are in the file. You can choose from the following:
- Facility
 - National
 - State

You can also pass things like `c("state","Nation")` as behind the scenes only the OAS CAHPS data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current OAS CAHPS data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current OAS CAHPS data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_maternal_data(.data_sets = c("State","National"))

## End(Not run)
```

current_outpatient_imaging_efficiency_data
Get Current Imaging Efficiency Data.

Description

Get the current Imaging Efficiency data.

Usage

```
current_outpatient_imaging_efficiency_data(  
  .data,  
  .data_sets = c("Facility", "State", "National")  
)
```

Arguments

.data	The data that results from the <code>current_hosp_data()</code> function.
.data_sets	The default is: <code>c("Claim","Facility","State","National")</code> , which will bring back all of the data in the Imaging Efficiency data sets that are in the file. You can choose from the following: <ul style="list-style-type: none">• Facility• National• State

You can also pass things like `c("state","Nation")` as behind the scenes only the Imaging Efficiency data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Imaging Efficiency data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Imaging Efficiency data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_outpatient_imaging_efficiency_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_payments_data *Get Current Payments Data.*

Description

Get the current Payments data.

Usage

```
current_payments_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Facility", "State", "National")</code> , which will bring back all of the data in the Payments data sets that are in the file. You can choose from the following: <ul style="list-style-type: none"> • Facility • National • State

You can also pass things like `c("state", "Nation")` as behind the scenes only the Payments data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Payments data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Payments data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_payments_data(.data_sets = c("State","National"))

## End(Not run)
```

current_pch_hai_hospital_data

Get Current PCH HAI Hospital Data.

Description

Get the current PCH HAI Hospital data.

Usage

```
current_pch_hai_hospital_data(.data)
```

Arguments

`.data` The data that results from the `current_hosp_data()` function.

Details

This function will obtain the current PCH HAI Hospital data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. This function only returns a single object.

Value

Gets the current PCH HCAHPS data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_pch_hai_hospital_data()

## End(Not run)
```

current_pch_hcahps_data

Get Current PCH HCAHPS Data.

Description

Get the current PCH HCAHPS data.

Usage

```
current_pch_hcahps_data(.data, .data_sets = c("Facility", "State", "National"))
```

Arguments

- `.data` The data that results from the `current_hosp_data()` function.
- `.data_sets` The default is: `c("Facility","State","National")`, which will bring back all of the data in the PCH HCAHPS data sets that are in the file. You can choose from the following:
- Facility
 - National
 - State

You can also pass things like `c("state","Nation")` as behind the scenes only the PCH HCAHPS data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current PCH HCAHPS data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current PCH HCAHPS data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_pch_hcahps_data(.data_sets = c("State","National"))

## End(Not run)
```

`current_pch_oncology_measures_hospital_data`*Get Current PCH Oncology Measures Data.*

Description

Get the current PCH Oncology Measures data.

Usage

```
current_pch_oncology_measures_hospital_data(.data)
```

Arguments

`.data` The data that results from the `current_hosp_data()` function.

Details

This function will obtain the current PCH Oncology Measures data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. This function only returns a single object.

Value

Gets the current PCH Oncology Measures Hospital data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_pch_oncology_measures_hospital_data()

## End(Not run)
```

`current_pch_outcomes_data`*Get Current PCH Outcomes Data.*

Description

Get the current PCH Outcomes data.

Usage

```
current_pch_outcomes_data(.data, .data_sets = c("Facility", "National"))
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c(Facility,"National")</code> , which will bring back all of the data in the PCH HCAHPS data sets that are in the file. You can choose from the following: <ul style="list-style-type: none">• Facility• National You can also pass things like <code>c("state","Nation")</code> as behind the scenes only the PCH Outcomes data sets are available to the function to choose from and <code>grep</code> is used to find matches with <code>ignore.case = TRUE</code> set.

Details

This function will obtain the current PCH Outcomes data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current PCH Outcomes data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_pch_outcomes_data(.data_sets = c("Facility", "National"))

## End(Not run)
```

```
current_timely_and_effective_care_data
  Get Current Timely & Effective Care Data.
```

Description

Get the current Timely & Effective Care data.

Usage

```
current_timely_and_effective_care_data(
  .data,
  .data_sets = c("Facility", "State", "National")
)
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Facility", "State", "National")</code> , which will bring back all of the data in the Timely & Effective Care data sets that are in the file. You can choose from the following: <ul style="list-style-type: none">• Facility• National• State

You can also pass things like `c("state", "Nation")` as behind the scenes only the Timely & Effective Care data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Timely & Effective Care data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Timely & Effective Care data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_unplanned_hospital_visits_data`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_timely_and_effective_care_data(.data_sets = c("State", "National"))

## End(Not run)
```

current_unplanned_hospital_visits_data

Get Current Unplanned Hospital Visits Data.

Description

Get the current Unplanned Hospital Visits data.

Usage

```
current_unplanned_hospital_vists_data(
  .data,
  .data_sets = c("Facility", "State", "National")
)
```

Arguments

<code>.data</code>	The data that results from the <code>current_hosp_data()</code> function.
<code>.data_sets</code>	The default is: <code>c("Facility", "State", "National")</code> , which will bring back all of the data in the Unplanned Hospital Visits data sets that are in the file. You can choose from the following: <ul style="list-style-type: none"> • Facility • National • State

You can also pass things like `c("state","Nation")` as behind the scenes only the Unplanned Hospital Visits data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Unplanned Hospital Visits data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Unplanned Hospital Visits data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_va_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_unplanned_hospital_visits_data(.data_sets = c("State","National"))

## End(Not run)
```

current_va_data

Get Current Veterans Affairs Data.

Description

Get the current Veterans Affairs data.

Usage

```
current_va_data(.data, .data_sets = c("Behavioral", "Timely", "Provider"))
```

Arguments

- `.data` The data that results from the `current_hosp_data()` function.
- `.data_sets` The default is: `c("Facility","State","National")`, which will bring back all of the data in the Veterans Affairs data sets that are in the file. You can choose from the following:
- Behavioral
 - Timely
 - Provider

You can also pass things like `c("behavioral","Provider")` as behind the scenes only the Veterans Affairs data sets are available to the function to choose from and `grep` is used to find matches with `ignore.case = TRUE` set.

Details

This function will obtain the current Veterans Affairs data from the output of the `current_hosp_data()` function, that is the required input for the `.data` parameter. You can pass in a list of which of those data sets you would like,

Value

Gets the current Veterans Affairs data from the current hospital data file.

Author(s)

Steven P. Sanderson II, MPH

See Also

<https://data.cms.gov/provider-data/topics/hospitals/>

Other Hospital Data: `current_asc_data()`, `current_asc_oas_cahps_data()`, `current_comp_death_data()`, `current_hai_data()`, `current_hcahps_data()`, `current_hosp_data()`, `current_hvbp_data()`, `current_ipfqr_data()`, `current_maternal_data()`, `current_medicare_hospital_spending_data()`, `current_oqr_oas_cahps_data()`, `current_outpatient_imaging_efficiency_data()`, `current_payments_data()`, `current_pch_hai_hospital_data()`, `current_pch_hcahps_data()`, `current_pch_oncology_measures_hospital_data()`, `current_pch_outcomes_data()`, `current_timely_and_effective_care_data()`, `current_unplanned_hospital_visits_data()`

Examples

```
## Not run:
current_hosp_data() |>
  current_va_data(.data_sets = c("Behavioral"))

## End(Not run)
```

healthyR_data

Main data file for healthyR

Description

A dataset containing many common items found in an administrative dataset at a hospital.

Usage

```
data(healthyR_data)
```

Format

A data frame with 187,721 rows and 17 variables

Details

- `mrn`. Medical Record Number. Unique patient identifier.
- `visit_id`. Unique hospital Visit ID. Tied to an `mrn`
- `visit_start_date_time`. The starting datetime of a `visit_id`
- `visit_end_date_time`. The ending datetime of a `visit_id`
- `total_charge_amount`. The total charge in dollars for a `visit_id`
- `total_amount_due`. The total amount of money still due to a `visit_id`
- `total_adjustment_amount`. The total amount of money adjusted off of an account for various reasons
- `payer_grouping`. The insurance classification of a `visit_id`
- `total_payment_amount`. The total amount of money paid on a `visit_id`
- `ip_op_flag`. A flag that indicates if the patient was admitted or was an outpatient
- `service_line`. The hospital service line for the `visit_id`
- `length_of_stay`. The total days a `visit_id` was admitted to the hospital
- `expected_length_of_stay`. The total days a `visit_id` was expected to be admitted
- `lnmgth_of_stay_threshold`. The threshold of the `length_of_stay` variable before the `visit_id` is considered to be an outlier
- `los_outlier_flag`. A binary indicator of whether or not a `visit_id` was above the threshold
- `readmit_flag`. A binary indicator of whether or not a `visit_id` was admitted in 30 days
- `readmit_expectation`. The readmit rate for the particular visit computed from a benchmark

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