Package 'arcos'

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```
Title Load ARCOS Prescription Data Prepared by the Washington Post
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BugReports https://github.com/wpinvestigative/arcos/issues
Description A wrapper for the 'ARCOS API' <a href="https://arcos-api.ext.nile.works/__swagger__/">https://arcos-api.ext.nile.works/__swagger__/</a>
      that returns raw and summarized data frames from the
      Drug Enforcement Administration's Automation of Reports and Consolidated Orders System,
      a database that monitors controlled substances transactions between manufacturers and
      distributors which was made public by The Washington Post and The Charleston Gazette-Mail.
License MIT + file LICENSE
Encoding UTF-8
LazyData true
Depends R (>= 3.3.0)
Suggests ggplot2, forcats, leaflet, knitr, sf, tigris, testthat (>=
      2.1.0), rmarkdown, data.table, formattable, geofacet,
      lubridate, scales, viridis, zoo
Imports stringr, magrittr, isonlite, dplyr, tidyr, urltools, httr,
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NeedsCompilation no
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```

Type Package

2 arcos

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Description

Download and use data from ARCOS, raw or summarized by the Washington Post, in R

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Author(s)

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```

buyer_addresses

Get DEA designated addresses for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Description

Get DEA designated addresses for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Usage

```
buyer_addresses(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo')

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other geocoded data: county_population(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_latlon(), pharm_tracts(), reporter_addresses(), state_population()

```
library(arcos)
mingo_wv <- buyer_addresses(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

buyer_list

buyer_details	Get monthly summarized pill totals by county
---------------	--

Description

Get monthly summarized pill totals by county

Usage

```
buyer_details(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo')
state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/
#download-resources
```

```
Other summarized: combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()
```

Examples

```
library(arcos)
mingo_wv <- buyer_details(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

buyer_list Get list of business types listed in the BUYER_BUS_ACT in the AR-COS database

Description

Get list of business types listed in the BUYER_BUS_ACT in the ARCOS database

```
combined_buyer_annual
```

Usage

```
buyer_list(key = "WaPo")
```

Arguments

key

Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/
#download-resources
Other raw data: county_list(), county_raw_fips(), county_raw(), drug_county_biz(), drug_fips_biz(), drug_list(), pharmacy_raw(), raw_data()
```

Examples

```
library(arcos)
bl <- buyer_list(key="WaPo")
head(bl)</pre>
```

combined_buyer_annual Get annual total pills for each buyer (pharmacy, etc) in a county

Description

Get annual total pills for each buyer (pharmacy, etc) in a county

Usage

```
combined_buyer_annual(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other summarized: buyer_details(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()
```

Examples

```
library(arcos)
mingo_wv <- combined_buyer_annual(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

combined_buyer_monthly

Get annual total pills for each buyer (pharmacy, etc) in a county

Description

Get annual total pills for each buyer (pharmacy, etc) in a county

Usage

```
combined_buyer_monthly(
  county = "Mingo",
  state = "WV",
  year = 2012,
  key = "WaPo"
)
```

Arguments

key

county Filter the data to only this county (e.g. 'Mingo')
state Filter the data to county within this state (e.g. 'WV')
year Filter the data to county within this state (e.g. 'WV')

Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/ #download-resources

```
Other summarized: buyer_details(), combined_buyer_annual(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()
```

county_list 7

Examples

```
library(arcos)
mingo_wv <- combined_buyer_monthly(county = "Mingo", state="WV", year=2012, key="WaPo")
head(mingo_wv)</pre>
```

county_list

Get dataframe of counties, states, and fips codes that are represented in the ARCOS data

Description

Get dataframe of counties, states, and fips codes that are represented in the ARCOS data

Usage

```
county_list(key = "WaPo")
```

Arguments

key

Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other raw data: buyer_list(), county_raw_fips(), county_raw(), drug_county_biz(), drug_fips_biz(), drug_list(), pharmacy_raw(), raw_data()
```

```
library(arcos)
counties <- county_list(key="WaPo")
head(counties)</pre>
```

8 county_raw

county	population
County	DODUTALION

Get annual population for counties between 2006 and 2014

Description

Get annual population for counties between 2006 and 2014

Usage

```
county_population(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/ #download-resources

Other geocoded data: buyer_addresses(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_latlon(), pharm_tracts(), reporter_addresses(), state_population()

Examples

```
library(arcos)
mingo_wv <- county_population(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

county_raw

Download raw prescription data for specified county (by state and county names) into R

Description

Data from from non-contiguous states not yet processed and available. This raw data only includes data from pharmacies and practitioners and the drugs Hydrocodne and Oxycodone.

Usage

```
county_raw(county = "Mingo", state = "WV", key = "WaPo")
```

county_raw_fips 9

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other raw data: buyer_list(), county_list(), county_raw_fips(), drug_county_biz(), drug_fips_biz(), drug_list(), pharmacy_raw(), raw_data()
```

Examples

```
library(arcos)
mingo_wv <- county_raw(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

county_raw_fips Download raw prescription data for specified county (by county FIPS code) into R

Description

Data from from non-contiguous states not yet processed and available. This raw data only includes data from pharmacies and practitioners and the drugs Hydrocodne and Oxycodone.

Usage

```
county_raw_fips(fips = "01001", key = "WaPo")
```

Arguments

fips Filter the data to only this county (e.g. '01001' for Autauga, Alabama)

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other raw data: buyer_list(), county_list(), county_raw(), drug_county_biz(), drug_fips_biz(), drug_list(), pharmacy_raw(), raw_data()
```

10 drug_county_biz

Examples

```
library(arcos)
autauga_al <- county_raw_fips(fips="01001", key="WaPo")
head(autauga_al)</pre>
```

drug_county_biz

Download raw prescription data for individual drugs and business type by county into R

Description

Data from from non-contiguous states not yet processed and available.

Usage

```
drug_county_biz(
  drug = "Fentany1",
  county = "Laurens",
  state = "GA",
  buyer_bus_act = "Chain Retail",
  key = "WaPo"
)
```

Arguments

drug Filter the data to one of 14 available drugs in the database (e.g. 'OXYCODONE')

county Filter the data to only this county (e.g. 'Mingo')

state Filter the data to county within this state (e.g. 'WV')

buyer_bus_act If provided, filter the data to one of businesses in BUYER_BUS_ACT (e.g.

'CHAIN PHARMACY', 'HOSP/CLINIC')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other raw data: buyer_list(), county_list(), county_raw_fips(), county_raw(), drug_fips_biz(), drug_list(), pharmacy_raw(), raw_data()
```

drug_fips_biz

Examples

drug_fips_biz

Download raw prescription data for individual drugs and business type by county FIPS code into R

Description

Data from from non-contiguous states not yet processed and available.

Usage

```
drug_fips_biz(
  drug = "Fentanyl",
  fips = "01001",
  buyer_bus_act = "Chain Retail",
  key = "WaPo"
)
```

Arguments

drug Filter the data to one of 14 available drugs in the database (e.g. 'OXYCODONE')

fips Filter the data to only this county (e.g. '01001' for Autauga, Alabama)

buyer_bus_act If provided, filter the data to one of businesses in BUYER_BUS_ACT (e.g.

'CHAIN PHARMACY', 'HOSP/CLINIC')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

```
Other raw data: buyer_list(), county_list(), county_raw_fips(), county_raw(), drug_county_biz(), drug_list(), pharmacy_raw(), raw_data()
```

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Examples

```
library(arcos)
autauga_al <- drug_fips_biz(drug="Fentanyl", fips="01001", buyer_bus_act="Chain Retail", key="WaPo")
head(autauga_al)</pre>
```

drug_list

Get list of drugs available in the ARCOS database

Description

Get list of drugs available in the ARCOS database

Usage

```
drug_list(key = "WaPo")
```

Arguments

key

Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/\#download-resources
```

```
Other raw data: buyer_list(), county_list(), county_raw_fips(), county_raw(), drug_county_biz(), drug_fips_biz(), pharmacy_raw(), raw_data()
```

```
library(arcos)
np <- drug_list(key="WaPo")
np</pre>
```

not_pharmacies 13

not_pharmacies

Get list of misidentified pharmacies by BUYER_DEA_NOs

Description

Get list of misidentified pharmacies by BUYER_DEA_NOs

Usage

```
not_pharmacies(key = "WaPo")
```

Arguments

key

Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other geocoded data: buyer_addresses(), county_population(), pharm_cbsa(), pharm_counties(), pharm_latlon(), pharm_tracts(), reporter_addresses(), state_population()

Examples

```
library(arcos)

np <- not_pharmacies(key="WaPo")
head(np)</pre>
```

pharmacy_raw

Download raw prescription data for specified pharmacy (by BUYER_DEA_NO) into R

Description

Data from from non-contiguous states not yet processed and available. This raw data only includes data from pharmacies and practitioners and the drugs Hydrocodne and Oxycodone.

Usage

```
pharmacy_raw(buyer_dea_no = "AB0454176", key = "WaPo")
```

pharm_cbsa

Arguments

```
buyer_dea_no Filter the data to only this pharmacy (e.g. 'AB0454176') key Key needed to make query successful
```

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/
#download-resources
Other raw data: buyer_list(), county_list(), county_raw_fips(), county_raw(), drug_county_biz(),
drug_fips_biz(), drug_list(), raw_data()
```

Examples

```
library(arcos)

solo_pharm <- pharmacy_raw(buyer_dea_no="AB0454176", key="WaPo")

head(solo_pharm)

pharm_cbsa

Get the core-based statistical area GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)
```

Description

Get the core-based statistical area GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Usage

```
pharm_cbsa(geoid = "26580", county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

geoid	Filter the data to only this cbsa GEOD (e.g. '26580')
-------	---

county If geoid not included, filter the data to only this county (e.g. 'Mingo') state If geoid not included, filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_counties(), pharm_latlon(), pharm_tracts(), reporter_addresses(), state_population()
```

pharm_counties 15

Examples

```
library(arcos)
mingo_wv <- pharm_cbsa(geoid="26580", key="WaPo")
head(mingo_wv)</pre>
```

pharm_counties

Get county GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Description

Get county GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Usage

```
pharm_counties(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_cbsa(), pharm_latlon(), pharm_tracts(), reporter_addresses(), state_population()

```
library(arcos)
mingo_wv <- pharm_counties(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

pharm_tracts

nations)	pharm_latlon	Get latitude and longitude data for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)
----------	--------------	--

Description

Get latitude and longitude data for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

Usage

```
pharm_latlon(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo')
state Filter the data to county within this state (e.g. 'WV')
key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/ #download-resources

Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_tracts(), reporter_addresses(), state_population()

Examples

```
library(arcos)
mingo_wv <- pharm_latlon(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

pharm_tracts Get census tract GEOID for each pharmacy based on

BUYER_DEA_NO (Only includes retail and chain pharmacy

designations)

Description

Get census tract GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)

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Usage

```
pharm_tracts(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_latlon(), reporter_addresses(), state_population()

Examples

```
library(arcos)
mingo_wv <- pharm_tracts(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

raw_data Raw ARCOS data (War

Raw ARCOS data (Warning 130+ GB file) Warning: May not fit on your memory. If interested in the raw data, you can download via the link below.

Description

Raw ARCOS data (Warning 130+ GB file) Warning: May not fit on your memory.. If interested in the raw data, you can download via the link below.

Usage

```
raw_data(key = "WaPo")
```

Arguments

key

Key needed to make query successful

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See Also

```
https://d2ty8gaf6rmowa.cloudfront.net/dea-pain-pill-database/bulk/arcos\_all\_washpost.tsv.gz\\
```

Other raw data: buyer_list(), county_list(), county_raw_fips(), county_raw(), drug_county_biz(), drug_fips_biz(), drug_list(), pharmacy_raw()

reporter_addresses

Get DEA designated addresses for each Reporter based on RE-PORTER_DEA_NO (Includes Manufacturers and Distributors)

Description

Get DEA designated addresses for each Reporter based on REPORTER_DEA_NO (Includes Manufacturers and Distributors)

Usage

```
reporter_addresses(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo')

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_latlon(), pharm_tracts(), state_population()

```
library(arcos)
mingo_wv <- reporter_addresses(county = "Harris", state="TX", key="WaPo")
head(mingo_wv)</pre>
```

state_population 19

state_population

Get annual population for states between 2006 and 2014

Description

Get annual population for states between 2006 and 2014

Usage

```
state_population(state = "WV", key = "WaPo")
```

Arguments

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

Other geocoded data: buyer_addresses(), county_population(), not_pharmacies(), pharm_cbsa(), pharm_counties(), pharm_latlon(), pharm_tracts(), reporter_addresses()

Examples

```
library(arcos)
wv <- state_population(state="WV", key="WaPo")
head(wv)</pre>
```

```
summarized_county_annual
```

Get annual summarized pill totals by county

Description

Get annual summarized pill totals by county

Usage

```
summarized_county_annual(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_pharmacies_county(), total_pharmacies_state()
```

Examples

```
library(arcos)
mingo_wv <- summarized_county_annual(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

```
summarized_county_monthly
```

Get monthly summarized pill totals by county

Description

Get monthly summarized pill totals by county

Usage

```
summarized_county_monthly(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_pharmacies_county(), total_pharmacies_state()

Examples

```
library(arcos)
mingo_wv <- summarized_county_monthly(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

total_distributors_county

Get total pills for each distributor in a county

Description

Get total pills for each distributor in a county

Usage

```
total_distributors_county(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()

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Examples

```
library(arcos)
mingo_wv <- total_distributors_county(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

total_distributors_state

Get total pills for each distributor in a state

Description

Get total pills for each distributor in a state

Usage

```
total_distributors_state(state = "WV", key = "WaPo")
```

Arguments

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

```
Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()
```

```
library(arcos)
wv <- total_distributors_state(state="WV", key="WaPo")
head(wv)</pre>
```

total_manufacturers_county

Get total pills for each manufacturer in a county

Description

Get total pills for each manufacturer in a county

Usage

```
total_manufacturers_county(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo')

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

```
Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_state(), total_pharmacies_county(), total_pharmacies_state()
```

```
library(arcos)
mingo_wv <- total_manufacturers_county(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

```
total_manufacturers_state
```

Get total pills for each manufacturer in a state

Description

Get total pills for each manufacturer in a state

Usage

```
total_manufacturers_state(state = "WV", key = "WaPo")
```

Arguments

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_pharmacies_county(), total_pharmacies_state()
```

Examples

```
library(arcos)
wv <- total_manufacturers_state(state="WV", key="WaPo")
head(wv)</pre>
```

```
total_pharmacies_county
```

Get total pills for each pharmacy in a county

Description

Get total pills for each pharmacy in a county

total_pharmacies_state 25

Usage

```
total_pharmacies_county(county = "Mingo", state = "WV", key = "WaPo")
```

Arguments

county Filter the data to only this county (e.g. 'Mingo') state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources

Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_state()

Examples

```
library(arcos)
mingo_wv <- total_pharmacies_county(county = "Mingo", state="WV", key="WaPo")
head(mingo_wv)</pre>
```

total_pharmacies_state

Get total pills for each pharmacy in a state

Description

Get total pills for each pharmacy in a state

Usage

```
total_pharmacies_state(state = "WV", key = "WaPo")
```

Arguments

state Filter the data to county within this state (e.g. 'WV')

key Key needed to make query successful

See Also

```
https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/#download-resources
```

```
Other summarized: buyer_details(), combined_buyer_annual(), combined_buyer_monthly(), summarized_county_annual(), summarized_county_monthly(), total_distributors_county(), total_distributors_state(), total_manufacturers_county(), total_manufacturers_state(), total_pharmacies_county()
```

```
library(arcos)
wv <- total_pharmacies_state(state="WV", key="WaPo")
head(wv)</pre>
```

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