Package 'arcos'

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Type Package

Title Load ARCOS Prescription Data Prepared by the Washington Post

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URL https://github.com/wpinvestigative/arcos

BugReports https://github.com/wpinvestigative/arcos/issues

Description A wrapper for the 'ARCOS API' <https://arcos-api.ext.nile.works/__swagger__/>
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.

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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

Imports stringr, magrittr, jsonlite, dplyr, urltools, vroom

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VignetteBuilder knitr

NeedsCompilation no

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R topics documented:

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arcos	arcos *package*

Description

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

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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

Examples

```
library(arcos)

mingo_wv <- buyer_addresses(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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_cou
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)
```

---

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

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)
```

---

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_cou 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)
```

---

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

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	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_month
total_distributors_county, total_distributors_state, total_manufacturers_county, total_manufacturers_st
total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- combined_buyer_monthly(county = "Mingo", state="WV", year=2012, key="WaPo")

head(mingo_wv)
```

---

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`

Examples

```
library(arcos)

counties <- county_list(key="WaPo")

head(counties)
```

---

county_population | *Get annual population for counties between 2006 and 2012*

Description

Get annual population for counties between 2006 and 2012

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)
```

---

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")
```

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)
```

---

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

Examples

```
library(arcos)

autauga_al <- county_raw_fips(fips="01001", key="WaPo")

head(autauga_al)
```

---

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 = "Fentanyl", 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

Examples

```
library(arcos)

bronx <- drug_county_biz(drug="Fentanyl", county = "Laurens", state = "GA",
                         buyer_bus_act = "Chain Retail", key="WaPo")

head(bronx)
```

---

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

Examples

```
library(arcos)

autauga_al <- drug_fips_biz(drug="Fentanyl", fips="01001", buyer_bus_act="Chain Retail", key="WaPo")

head(autauga_al)
```

---

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`

Examples

```
library(arcos)

np <- drug_list(key="WaPo")

np
```

---

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)
```

---

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")
```

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

Examples

```
library(arcos)

mingo_wv <- pharm_cbsa(geoid="26580", key="WaPo")

head(mingo_wv)
```

---

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

Examples

```
library(arcos)

mingo_wv <- pharm_counties(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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)
```

---

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)

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)
```

---

raw_data	*Download raw ARCOS data (Warning 130+ GB file) Warning: Not recommended to run in R due to server stability. If interested in the raw data, you can download via the link below.*

Description

Download raw ARCOS data (Warning 130+ GB file) Warning: Not recommended to run in R due to server stability. 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

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

Examples

```
library(arcos)

mingo_wv <- reporter_addresses(county = "Harris", state="TX", key="WaPo")

head(mingo_wv)
```

---

state_population	*Get annual population for states between 2006 and 2012*

Description

Get annual population for states between 2006 and 2012

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)
```

---

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_manufacturers_state
total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- summarized_county_annual(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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_manufacturers_st total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- summarized_county_monthly(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

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_st
total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- total_distributors_county(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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

Examples

```
library(arcos)

wv <- total_distributors_state(state="WV", key="WaPo")

head(wv)
```

---

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_sta total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- total_manufacturers_county(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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_cou total_pharmacies_county, total_pharmacies_state

Examples

```
library(arcos)

wv <- total_manufacturers_state(state="WV", key="WaPo")

head(wv)
```

---

total_pharmacies_county

Get total pills for each pharmacy in a county

Description

Get total pills for each pharmacy in a county

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_cou
total_manufacturers_state, total_pharmacies_state

Examples

```
library(arcos)

mingo_wv <- total_pharmacies_county(county = "Mingo", state="WV", key="WaPo")

head(mingo_wv)
```

---

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_cou
total_manufacturers_state, total_pharmacies_county

Examples

```
library(arcos)

wv <- total_pharmacies_state(state="WV", key="WaPo")

head(wv)
```

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