

# Package ‘arcos’

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**Type** Package

**Title** Load ARCOS Prescription Data Prepared by the Washington Post

**Version** 0.8.2

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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\\_\\_/](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.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.3.0)

**Suggests** tidyverse, leaflet, knitr, sf, tigris, testthat (>= 2.1.0), rmarkdown, data.table, formattable, geofacet, lubridate, scales, viridis

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

**RoxygenNote** 6.1.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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---

 arcos

 arcos *package*


---

### Description

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

### Author(s)

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---

|                 |  |
|-----------------|--|
| buyer_addresses | <i>Get DEA designated addresses for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)</i> |
|-----------------|--|

---

**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 | <i>Get monthly summarized pill totals by county</i> |
|---------------|---|

---

**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)
```

---

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)
```

---

```
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\\_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_monthly(county = "Mingo", state="WV", year=2012, key="WaPo")

head(mingo_wv)
```

---

|                   |   |
|-------------------|---|
| county_population | <i>Get annual population for counties between 2006 and 2012</i> |
|-------------------|---|

---

## 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 | <i>Download raw prescription data for specified county (by state and county names) into R</i> |
|------------|---|

---

**Description**

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

**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: [county\\_raw\\_fips](#), [pharmacy\\_raw](#), [raw\\_data](#)

**Examples**

```
library(arcos)

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

head(mingo_wv)
```

---

|                 |   |
|-----------------|---|
| county_raw_fips | <i>Download raw prescription data for specified county (by county FIPS code) into R</i> |
|-----------------|---|

---

**Description**

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

**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: [county\\_raw](#), [pharmacy\\_raw](#), [raw\\_data](#)

**Examples**

```
library(arcos)

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

head(autauga_al)
```

---

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 | <i>Download raw prescription data for specified pharmacy (by BUYER_DEA_NO) into R</i> |
|--------------|---|

---

**Description**

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

**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: [county\\_raw\\_fips](#), [county\\_raw](#), [raw\\_data](#)

**Examples**

```
library(arcos)

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

head(solo_pharm)
```

---

|            |   |
|------------|---|
| pharm_cbsa | <i>Get the core-based statistical area GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)</i> |
|------------|---|

---

### 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 | <i>Get county GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)</i> |
|----------------|--|

---

**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 | <i>Get latitude and longitude data for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)</i> |
|--------------|---|

---

**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 | <i>Get census tract GEOID for each pharmacy based on BUYER_DEA_NO (Only includes retail and chain pharmacy designations)</i> |
|--------------|--|

---

**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)*

---

**Description**

Download raw ARCOS data (Warning 130+ GB file)

**Usage**

```
raw_data(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\\_raw\\_fips](#), [county\\_raw](#), [pharmacy\\_raw](#)

**Examples**

```
library(arcos)

the_whole_thing <- raw_data(key="WaPo")

head(the_whole_thing)
```

---

reporter\_addresses      *Get DEA designated addresses for each Reporter based on REPORTER\_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\\_state](#), [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\\_state](#), [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\\_state](#), [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\\_county](#), [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\\_county](#), [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\\_county](#), [total\\_manufacturers\\_state](#), [total\\_pharmacies\\_county](#)

**Examples**

```
library(arcos)

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

head(wv)
```

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