

tnun_assignment_2

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Part 1

```
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.2 --
## v ggplot2 3.4.0      v purrr  0.3.5
## v tibble  3.1.8      v dplyr  1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

library(magrittr)

##
## Attaching package: 'magrittr'
##
## The following object is masked from 'package:purrr':
##
##   set_names
##
## The following object is masked from 'package:tidyr':
##
##   extract

library(tnnum)
library(tibble)
tnnum.loadLibs()

##
## Attaching package: 'jsonlite'
##
## The following object is masked from 'package:purrr':
##
##   flatten
##
## Loading required package: timechange
##
## Attaching package: 'lubridate'
##
## The following objects are masked from 'package:base':
##
##   date, intersect, setdiff, union
```

```

tnum.authorize(ip = "mssp.truenum.com:8080", creds = "priam@bu.edu:marlin")

## Truenumbers (mssp.truenum.com:8080)
## Available spaces: MSSP-MA615-22
## Numberspace set to: MSSP-MA615-22
text_ch1 <- tnum.query("subj:Time_Machine:Chapter:1:*")

## Returned 59 results
text_ch2 <- tnum.query("subj:Time_Machine:Chapter:2:*")

## Returned 66 results
text_ch4 <- tnum.query("subj:Time_Machine:Chapter:4:*")

## Returned 106 results
text_ch5 <- tnum.query("subj:Time_Machine:Chapter:5:*")

## Returned 68 results
text_ch6 <- tnum.query("subj:Time_Machine:Chapter:6:*")

## Returned 86 results
text_ch7 <- tnum.query("subj:Time_Machine:Chapter:7:*")

## Returned 129 results
text_ch8 <- tnum.query("subj:Time_Machine:Chapter:8:*")

## Returned 194 results
text_ch10 <- tnum.query("subj:Time_Machine:Chapter:10:*")

## Returned 126 results
text_ch12 <- tnum.query("subj:Time_Machine:Chapter:12:*")

## Returned 139 results
#get all sentences with the stringval
ch8_weena <- tnum.query("subj:Time_Machine:Chapter:8:* and stringval:Weena")

## Returned 7 results
ch10_weena <- tnum.query("subj:Time_Machine:Chapter:10:* and stringval:Weena")

## Returned 12 results
ch11_weena <- tnum.query("subj:Time_Machine:Chapter:11:* and stringval:Weena")

## Returned 9 results
ch12_weena <- tnum.query("subj:Time_Machine:Chapter:12:* and stringval:Weena")

## Returned 16 results
all_weena <- tnum.query("subj:Time_Machine:* and stringval:Weena")

## Returned 53 results

```

```
#find first appearance of Weena
ch8_water <- tnum.query("subj:Time_Machine:Chapter:8:* and stringval:Thames")
```

```
## Returned 1 results
```

```
#meeting Weena
```

```
ch8_sentence4 <- tnum.query("subj:Time_Machine:Chapter:8:Sentence:4*")
```

```
## Returned 11 results
```

```
tnum.getAllProperties()
```

```
## $values
```

```
## [1] "Connecticut/degrees:associates:most"
## [2] "Connecticut/degrees:doctorate:most"
## [3] "degree:bachelors"
## [4] "households"
## [5] "households:highest"
## [6] "income:household:median:highest"
## [7] "income:median:highest"
## [8] "Maine/bachlors:most"
## [9] "Maine/degrees:associates:most"
## [10] "Maine/degrees:doctorate:most"
## [11] "Massachusetts/professionals:most"
## [12] "median_household_income"
## [13] "New_Hampshire/degrees:associates:most"
## [14] "New_Hampshire/population:most"
## [15] "number"
## [16] "number:biggest"
## [17] "number:largest"
## [18] "number:smallest"
## [19] "population"
## [20] "population:associates"
## [21] "population:bachelors"
## [22] "population:doctorate"
## [23] "population:largest"
## [24] "population:masters"
## [25] "population:no_health_insurance"
## [26] "population:no_health_insurance:female"
## [27] "population:no_health_insurance:male"
## [28] "population:professional"
## [29] "rate:flow:average"
## [30] "rate:graduation"
## [31] "text"
## [32] "value"
## [33] "which:Population:largest"
```

```
tmp <- tnum.query("prop:population")
```

```
## Returned 67 results
```

```
tmp2 <- tnum.query("prop:number")
```

```
## Returned 155 results
```

```
colnames(tmp)
```

```
## [1] "date"          "html_varname" "server"        "quantity"      "author"
## [6] "subject"       "wrapper"       "si_value"      "htn_id"        "context"
## [11] "property"      "parts"         "id"            "value-type"    "value"
```

```
tmp$si_value
```

##	mag	err	string	html	quant
## 1	30234	0	30234	30234	magnitude
## 2	1600842	0	1600842	1.60084 &middledot;10 ⁶	magnitude
## 3	126425	0	126425	126425	magnitude
## 4	163869	0	163869	163869	magnitude
## 5	31741	0	31741	31741	magnitude
## 6	28908	0	28908	28908	magnitude
## 7	162646	0	162646	162646	magnitude
## 8	60887	0	60887	60887	magnitude
## 9	82801	0	82801	82801	magnitude
## 10	700437	0	700437	700437	magnitude
## 11	57550	0	57550	57550	magnitude
## 12	163053	0	163053	163053	magnitude
## 13	48764	0	48764	48764	magnitude
## 14	182002	0	182002	182002	magnitude
## 15	413035	0	413035	413035	magnitude
## 16	42823	0	42823	42823	magnitude
## 17	55275	0	55275	55275	magnitude
## 18	50520	0	50520	50520	magnitude
## 19	515303	0	515303	515303	magnitude
## 20	39539	0	39539	39539	magnitude
## 21	151774	0	151774	151774	magnitude
## 22	54601	0	54601	54601	magnitude
## 23	467871	0	467871	467871	magnitude
## 24	35452	0	35452	35452	magnitude
## 25	129124	0	129124	129124	magnitude
## 26	116566	0	116566	116566	magnitude
## 27	796605	0	796605	796605	magnitude
## 28	213496	0	213496	213496	magnitude
## 29	857513	0	857513	857513	magnitude
## 30	292307	0	292307	292307	magnitude
## 31	48138	0	48138	48138	magnitude
## 32	126060	0	126060	126060	magnitude
## 33	35746	0	35746	35746	magnitude
## 34	204316	0	204316	204316	magnitude
## 35	306359	0	306359	306359	magnitude
## 36	107602	0	107602	107602	magnitude
## 37	943926	0	943926	943926	magnitude
## 38	34201	0	34201	34201	magnitude
## 39	11168	0	11168	11168	magnitude
## 40	76042	0	76042	76042	magnitude
## 41	121753	0	121753	121753	magnitude
## 42	161032	0	161032	161032	magnitude
## 43	43104	0	43104	43104	magnitude
## 44	635737	0	635737	635737	magnitude
## 45	561037	0	561037	561037	magnitude
## 46	824772	0	824772	824772	magnitude
## 47	49116	0	49116	49116	magnitude
## 48	58892	0	58892	58892	magnitude

## 49	89777	0	89777	89777	magnitude
## 50	17312	0	17312	17312	magnitude
## 51	6200	0	6200	6200	magnitude
## 52	58350	0	58350	58350	magnitude
## 53	26901	0	26901	26901	magnitude
## 54	39759	0	39759	39759	magnitude
## 55	31491	0	31491	31491	magnitude
## 56	151063	0	151063	151063	magnitude
## 57	67809	0	67809	67809	magnitude
## 58	36882	0	36882	36882	magnitude
## 59	267390	0	267390	267390	magnitude
## 60	893561	0	893561	893561	magnitude
## 61	70577	0	70577	70577	magnitude
## 62	16836	0	16836	16836	magnitude
## 63	783676	0	783676	783676	magnitude
## 64	7022	0	7022	7022	magnitude
## 65	149917	0	149917	149917	magnitude
## 66	29982	0	29982	29982	magnitude
## 67	25318	0	25318	25318	magnitude

Part 2

```
tnum.getAllProperties()
```

```
## $values
## [1] "Connecticut/degrees:associates:most"
## [2] "Connecticut/degrees:doctorate:most"
## [3] "degree:bachelors"
## [4] "households"
## [5] "households:highest"
## [6] "income:household:median:highest"
## [7] "income:median:highest"
## [8] "Maine/bachlors:most"
## [9] "Maine/degrees:associates:most"
## [10] "Maine/degrees:doctorate:most"
## [11] "Massachusetts/professionals:most"
## [12] "median_household_income"
## [13] "New_Hampshire/degrees:associates:most"
## [14] "New_Hampshire/population:most"
## [15] "number"
## [16] "number:biggest"
## [17] "number:largest"
## [18] "number:smallest"
## [19] "population"
## [20] "population:associates"
## [21] "population:bachelors"
## [22] "population:doctorate"
## [23] "population:largest"
## [24] "population:masters"
## [25] "population:no_health_insurance"
## [26] "population:no_health_insurance:female"
## [27] "population:no_health_insurance:male"
## [28] "population:professional"
## [29] "rate:flow:average"
```

```
## [30] "rate:graduation"
## [31] "text"
## [32] "value"
## [33] "which:Population:largest"

median_household_income <- tnum.query("prop:median_household_income")

## Returned 67 results

t1 <- tnum.query("subj:Maine* and prop:median_household_income and numval: >70000")

## Returned 1 results

t1_tag <- mapply(FUN = tnum.addTag, guid = t1$id,
                 tag = "median_income:high",
                 text = "the households in Maine")
tnum.getTagsOfTn(t1[1,]$id)

## [1] "ME_highest_household_income"
## [2] "ME_lowest_household_income"
## [3] "county:median_household_income"
## [4] "county:population:no_health_insurance"
## [5] "median household income:large"
## [6] "median_household_income:large"
## [7] "median_income:high"

kable(t1)

## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure("73072", class = "AsIs"), : provided 5 variables to replace 1
## variables

## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure("73072", class = "AsIs"), : provided 5 variables to replace 1
## variables
```

date	html_source	urlname	quantity	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:40:02.426Z	http://mssp.tn.com:8080/Numberflow/	http://mssp.tn.com:8080/Numberflow/	magnitude	county:Median Households Income	has median_household_income = 73072	73072	73072	MA615-22	MSSP	median_household_income	73072	73072

```
t2 <- tnum.query("subj:Connecticut* and prop:median_household_income and numval: >70000")

## Returned 6 results

t2_tag <- mapply(FUN = tnum.addTag, guid = t2$id,
                 tag = "median_income:high",
                 text = "the households in Connecticut")
tnum.getTagsOfTn(t2[1,]$id)

## [1] "county:Median Households Income"
## [2] "county:median_household_income"
```

```
## [3] "county:population:no_health_insurance"
## [4] "county:wealthy"
## [5] "median household income:large"
## [6] "median_household_income:large"
## [7] "median_income:high"
```

```
kable(t2)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("95645", : provided 5 variables to replace 1 variables

## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("95645", : provided 5 variables to replace 1 variables
```

date	html_source	quantity	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:39:51.450Z	http://mssp.um.com:8080/Numberf low/	magnichol	Connecticut	County	FC6f95b451f1	10d-	MSSP	median_household_income	7411d0d1	TeNe	95645
				has median_household_income = 95645	f593-4ebc-952d-684e222f1792	MA615-22			f593-4ebc-952d-684e222f1792		
2022-10-26T18:39:52.544Z	http://mssp.um.com:8080/Numberf low/	magnichol	Connecticut	County	FC6f95b451f1	10d-	MSSP	median_household_income	0601d4f2	TeNe	75148
				has median_household_income = 75148	f776-492b-ab10-6bbbc8eb8873	MA615-22			f776-492b-ab10-6bbbc8eb8873		
2022-10-26T18:39:53.632Z	http://mssp.um.com:8080/Numberf low/	magnichol	Connecticut	County	FC6f95b451f1	10d-	MSSP	median_household_income	6c4376f1	TeNe	79906
				has median_household_income = 79906	e286-4877-a5fd-37fc764e188c	MA615-22			e286-4877-a5fd-37fc764e188c		
2022-10-26T18:39:54.712Z	http://mssp.um.com:8080/Numberf low/	magnichol	Connecticut	County	FC6f95b451f1	10d-	MSSP	median_household_income	2601d1d9	TeNe	85898
				has median_household_income = 85898	b5b4-4776-8d5a-af9f5a89eb9c	MA615-22			b5b4-4776-8d5a-af9f5a89eb9c		
2022-10-26T18:39:56.900Z	http://mssp.um.com:8080/Numberf low/	magnichol	Connecticut	County	FC6f95b451f1	10d-	MSSP	median_household_income	03162767	TeNe	73490
				has median_household_income = 73490	a967-4ad5-8d99-5181922cfc74	MA615-22			a967-4ad5-8d99-5181922cfc74		

date	html_searchname	quantity	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:39:57.967Z	http://msssp.um.com:8080/Numberf low/	magnified	Connecticut	County:Champlain	87069	7ab53e-4bc1-4b22-8e41-a84c4d32c360	MSSP	median_household_income	7ab53e-4bc1-4b22-8e41-a84c4d32c360	Text	87069

```
t3 <- tnum.query("subj:Vermont* and prop:median_household_income and numval: >70000")
```

```
## Returned 2 results
```

```
t3_tag <- mapply(FUN = tnum.addTag, guid = t3$id,
                 tag = "median_income:high",
                 text = "the households in Vermont")
tnum.getTagsOfTn(t3[1,]$id)
```

```
## [1] "county:median_household_income"
## [2] "county:population:no_health_insurance"
## [3] "median_income:high"
```

```
kable(t3)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("73647", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("73647", : provided 5 variables to replace 1 variables
```

date	html_searchname	quantity	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:40:53.207Z	http://msssp.t.com:8080/Numberf low/	magnified	Vermont	County:Chittenden	73647	72201617-a784-4cf8-8841-b4c3ca0db680	MSSP	median_household_income	72201617-a784-4cf8-8841-b4c3ca0db680	Text	73647
2022-10-26T18:40:56.715Z	http://msssp.t.com:8080/Numberf low/	magnified	Vermont	County:Grand	71587	7581b788fd-1ab0-4da8-b7bc-b563ab01dd9a	MSSP	median_household_income	7581b788fd-1ab0-4da8-b7bc-b563ab01dd9a	Text	71587

```
t4 <- tnum.query("subj:New_Hampshire* and prop:median_household_income and numval: >70000")
```

```
## Returned 4 results
```



```
t4_tag <- mapply(FUN = tnum.addTag, guid = t4$id,
                tag = "median_income:high",
                text = "the households in New_Hampshire")
tnum.getTagsOfTn(t4[1,]$id)
```

```
## [1] "county:median_household_income"
## [2] "county:population:no_health_insurance"
## [3] "median_household_income:large"
## [4] "median_household_income:large"
## [5] "median_income:high"
```

```
kable(t4)
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("72960", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("72960", : provided 5 variables to replace 1 variables
```

date	html_servername	quantity	htmlsubject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:40:41.756Z	http://mssp.tn.com:8080/Numberflow/	magnichew	New_Hampshire	Neshire-Hampshire	629607a57	MA615-43c6-4afd-b407-c2f56f6bb52a	MA615-22	MA615-43c6-4afd-b407-c2f56f6bb52a	45c47d1b	FeNo	72960
2022-10-26T18:40:39.569Z	http://mssp.tn.com:8080/Numberflow/	magnichew	New_Hampshire	Neshire-Hampshire	757373a74	MA615-3bb2-42ce-b20e-e0948048bd02	MA615-22	MA615-3bb2-42ce-b20e-e0948048bd02	5a74d25b	FeNo	75737
2022-10-26T18:40:40.666Z	http://mssp.tn.com:8080/Numberflow/	magnichew	New_Hampshire	Neshire-Hampshire	937560b28	MA615-de36-4e99-9ef6-d5deb57bcb8f	MA615-22	MA615-de36-4e99-9ef6-d5deb57bcb8f	6424d1d3	FeNo	93756
2022-10-26T18:40:38.476Z	http://mssp.tn.com:8080/Numberflow/	magnichew	New_Hampshire	Neshire-Hampshire	814601a511	MA615-14ef-41e7-8c6a-5fd02d699b31	MA615-22	MA615-14ef-41e7-8c6a-5fd02d699b31	7a451d49	FeNo	81460

```
t5 <- tnum.query("subj:Massachusetts* and prop:median_household_income and numval: >70000")
```

```
## Returned 9 results
```

```
t5_tag <- mapply(FUN = tnum.addTag, guid = t5$id,
                tag = "median_income:high",
                text = "the households in Massachusetts")
tnum.getTagsOfTn(t5[1,]$id)
```

```
## [1] "county:large"
## [2] "county:median_household_income"
## [3] "county:population:no_health_insurance"
## [4] "county:rich(Group 4)"
## [5] "county:rich(Group_4)"
## [6] "county:wealthy"
## [7] "median household income:large"
## [8] "median_household_income:large"
## [9] "median_income:high"
```

```
kable(t5)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("89489", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("89489", : provided 5 variables to replace 1 variables
```

date	html_source	name	quantity	title	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:40:29.745Z	http://mssp.tnum.com:8080/Numberflow/	magnolia	1	Massachusetts County: 89489	Massachusetts County: 89489	has median_household_income = 89489	dc96-43ea-ab40-915f89c2fea2	MA615-22	MA615-22	MA615-22	dc96-43ea-ab40-915f89c2fea2	89489	89489
2022-10-26T18:40:31.924Z	http://mssp.tnum.com:8080/Numberflow/	magnolia	1	Massachusetts County: 74679	Massachusetts County: 74679	has median_household_income = 74679	79fc-4080-af84-23cc9a084cfc	MA615-22	MA615-22	MA615-22	79fc-4080-af84-23cc9a084cfc	74679	74679
2022-10-26T18:40:28.669Z	http://mssp.tnum.com:8080/Numberflow/	magnolia	1	Massachusetts County: 103291	Massachusetts County: 103291	has median_household_income = 103291	c32d-4602-acef-781657013503	MA615-22	MA615-22	MA615-22	c32d-4602-acef-781657013503	103291	103291
2022-10-26T18:40:22.126Z	http://mssp.tnum.com:8080/Numberflow/	magnolia	1	Massachusetts County: 79263	Massachusetts County: 79263	has median_household_income = 79263	6845-4af0-ac27-fce7c7babd5b	MA615-22	MA615-22	MA615-22	6845-4af0-ac27-fce7c7babd5b	79263	79263

date	html_source	name	quantity	subject	wrapper	si_value	id	context	property	partid	value-type	value
2022-10-26T18:40:17.749Z	http://mssp.t	magnion	Massachusetts	has median_household_income = 74336	3c00-41ea-94d0-e925f411568c	MA615-22	MSSP	median_household_income	74336	74336	value	74336
2022-10-26T18:40:26.507Z	http://mssp.t	magnion	Massachusetts	has median_household_income = 102603	3bf9-4aad-8026-71babbfeb154	MA615-22	MSSP	median_household_income	102603	102603	value	102603
2022-10-26T18:40:25.434Z	http://mssp.t	magnion	Massachusetts	has median_household_income = 70876	6ae4-41ea-a6d6-c433be1d4f1c	MA615-22	MSSP	median_household_income	70876	70876	value	70876
2022-10-26T18:40:27.598Z	http://mssp.t	magnion	Massachusetts	has median_household_income = 107717	0593-43bb-ad0f-c3f0ec3aed05	MA615-22	MSSP	median_household_income	107717	107717	value	107717
2022-10-26T18:40:21.038Z	http://mssp.t	magnion	Massachusetts	has median_household_income = 71811	a1e8-4097-8b8c-fb31768be890	MA615-22	MSSP	median_household_income	71811	71811	value	71811

```
tnum.getAllProperties()
```

```
## $values
## [1] "Connecticut/degrees:associates:most"
## [2] "Connecticut/degrees:doctorate:most"
## [3] "degree:bachelors"
## [4] "households"
## [5] "households:highest"
## [6] "income:household:median:highest"
## [7] "income:median:highest"
## [8] "Maine/bachlors:most"
## [9] "Maine/degrees:associates:most"
## [10] "Maine/degrees:doctorate:most"
## [11] "Massachusetts/professionals:most"
## [12] "median_household_income"
```

```
## [13] "New_Hampshire/degrees:associates:most"
## [14] "New_Hampshire/population:most"
## [15] "number"
## [16] "number:biggest"
## [17] "number:largest"
## [18] "number:smallest"
## [19] "population"
## [20] "population:associates"
## [21] "population:bachelors"
## [22] "population:doctorate"
## [23] "population:largest"
## [24] "population:masters"
## [25] "population:no_health_insurance"
## [26] "population:no_health_insurance:female"
## [27] "population:no_health_insurance:male"
## [28] "population:professional"
## [29] "rate:flow:average"
## [30] "rate:graduation"
## [31] "text"
## [32] "value"
## [33] "which:Population:largest"
```

```
population <- tnum.query("prop:population")
```

```
## Returned 67 results
```

```
x1 <- tnum.query("subj:Connecticut* and prop:households and numval: >1000")
```

```
## Returned 8 results
```

```
x1_tag <- mapply(FUN = tnum.addTag, guid = x1$id,
                 tag = "households:large",
                 text = "the households in Connecticut")
tnum.getTagsOfTn(x1[1,]$id)
```

```
## [1] "C_pophouseholds_1k" "county:Households" "households:large"
```

```
kable(x1)
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("340189", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("340189", : provided 5 variables to replace 1 variables
```

date	html_source	quantity	subject	wrapper	si_value	id	context	property	id	value- type	value
2022-10-26T18:39:51.525Z	http://mssp.tn.com:80/Numberflow/	magnitude	Connecticut	County	Households	340189	MSSP	households	353e0c6d-340189	TsNum	340189
				has	546f-	MA615-			546f-		
				households	4261-	22			4261-		
				= 340189	879f-				879f-		
					4430bf393e1b				4430bf393e1b		

date	html_source	quantity	subject	wrapper	si_value	id	context	property	value- type	value
2022-10-26T18:39:53.706Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	74143	50a41cf	MSSPHouseholds	50a41cf	TsNum	74143
			has		955b-4bcd-22			955b-4bcd-22		
			households	= 74143	a84e-968caf6a5693			a84e-968caf6a5693		
2022-10-26T18:39:58.073Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	55683	20b22ca8	MSSPHouseholds	20b22ca8	TsNum	55683
			has		03a6-462a-22			03a6-462a-22		
			households	= 55683	9ccc-676b5083d36d			9ccc-676b5083d36d		
2022-10-26T18:39:59.146Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	44953	281c4cae	MSSPHouseholds	281c4cae	TsNum	44953
			has		fa85-4659-22			fa85-4659-22		
			households	= 44953	b909-ead030899b51			b909-ead030899b51		
2022-10-26T18:39:56.977Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	107827	3fdbd4ab	MSSPHouseholds	3fdbd4ab	TsNum	107827
			has		7750-4046-22			7750-4046-22		
			households	= 107827	ab5b-d2c9746fb96a			ab5b-d2c9746fb96a		
2022-10-26T18:39:55.866Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	330572	a9df0d5	MSSPHouseholds	a9df0d5	TsNum	330572
			has		bff3-42b8-22			bff3-42b8-22		
			households	= 330572	b4d7-21e4020887a5			b4d7-21e4020887a5		
2022-10-26T18:39:54.785Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	66971	35f84d9c	MSSPHouseholds	35f84d9c	TsNum	66971
			has		470f-4f20-22			470f-4f20-22		
			households	= 66971	98d1-de4730c88272			98d1-de4730c88272		
2022-10-26T18:39:52.618Z	http://mssp.tcom:80/Numberflow/	magnitude	Connecticut	Connecticut	350408	3ee8be18	MSSPHouseholds	3ee8be18	TsNum	350408
			has		bb1f-45fb-22			bb1f-45fb-22		
			households	= 350408	93ec-cd3040d95210			93ec-cd3040d95210		

```
x2 <- tnum.query("subj:Maine* and prop:households and numval: >1000")
```

```
## Returned 16 results
```

```
x2_tag <- mapply(FUN = tnum.addTag, guid = x2$id,
                 tag = "households:large",
                 text = "the households in Maine")
tnum.getTagsOfTn(x2[1,]$id)
```

```
## [1] "M_pophouseholds_1k"      "Maine_pophouseholds_1k" "households:large"
```

```
kable(x2)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("21321", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("21321", : provided 5 variables to replace 1 variables
```

date	html_source	quantity	subject	wrapper	si_value	id	context	property	id	value-type	value
2022-10-26T18:40:13.495Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 21321	9883-489c-b7bd-2877a763ded0	5c67-MA615-22-489c-b7bd-2877a763ded0	MSSPHouseholds	3a5c	67-TsNum	21321	21321
2022-10-26T18:40:12.354Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 15980	a05e-41db-bbe2-5df76f8784a0	46efd-MA615-22-41db-bbe2-5df76f8784a0	MSSPHouseholds	28c46	efd-TsNum	15980	15980
2022-10-26T18:40:04.681Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 23661	c3ce-4244-8774-498449502269	7be48-MA615-22-4244-8774-498449502269	MSSPHouseholds	2bb7b	e48-TsNum	23661	23661
2022-10-26T18:40:10.173Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 62156	5c55-4f8c-be9e-de6986782b24	472d5-MA615-22-4f8c-be9e-de6986782b24	MSSPHouseholds	49427	2d5-TsNum	62156	62156
2022-10-26T18:40:14.580Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 17236	2179-4fc3-9da2-859a554f40d8	3a17d9-MA615-22-4fc3-9da2-859a554f40d8	MSSPHouseholds	4b3a1	7d9-TsNum	17236	17236
2022-10-26T18:40:16.745Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 85314	0d19-4094-bb15-7eb75d7c2ac5	9bb29-MA615-22-4094-bb15-7eb75d7c2ac5	MSSPHouseholds	4be9b	b29-TsNum	85314	85314
2022-10-26T18:40:07.988Z	http://mssp.t.com:80/Numberflow/	magnitudes	Maine:County	has households = 15336	1c63-4dff-95be-0215ec958eff	4a6d5e-MA615-22-4dff-95be-0215ec958eff	MSSPHouseholds	384a6	d5e-TsNum	15336	15336

date	html_source	quantity	subject	wrapper	si_value	title_id	context	property	ptid	value-type	value
2022-10-26T18:40:03.591Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	11848	F18485d3cab8-d9ca-47ac-85b7-1cd87d4d7f03	MSSPHouseholds	MA615-22	75d3cab8-d9ca-47ac-85b7-1cd87d4d7f03	TsNum	11848
2022-10-26T18:40:11.265Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	7025	F02582b5849c-c97d-473e-b1b3-3f6cefa2139	MSSPHouseholds	MA615-22	82b5849c-c97d-473e-b1b3-3f6cefa2139	TsNum	7025
2022-10-26T18:40:00.314Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	45630	F5630356ff04-16d0-4459-a904-118019879fa4	MSSPHouseholds	MA615-22	8356ff04-16d0-4459-a904-118019879fa4	TsNum	45630
2022-10-26T18:40:15.668Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	13791	F37919a6b2068-7759-48f8-a07c-c5d4a23ccb0d	MSSPHouseholds	MA615-22	9a6b2068-7759-48f8-a07c-c5d4a23ccb0d	TsNum	13791
2022-10-26T18:40:05.766Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	52105	F2105fc23-416f-b613-5311ad051a8d	MSSPHouseholds	MA615-22	9b94553a-fc23-416f-b613-5311ad051a8d	TsNum	52105
2022-10-26T18:40:02.501Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	120644	F20644d642-4674-b5fa-681a1e1af349	MSSPHouseholds	MA615-22	1a5620a9-d642-4674-b5fa-681a1e1af349	TsNum	120644
2022-10-26T18:40:06.902Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	17020	F70209631-4cc3-9661-ad7b9ffc6549	MSSPHouseholds	MA615-22	1s2467e3a-9631-4cc3-9661-ad7b9ffc6549	TsNum	17020
2022-10-26T18:40:01.404Z	http://mssp.tnnum.com:80/Numberflow/	magnitudes	Maine:County	has	29516	F05165e0-4efe-8aa2-dafb1d83248a	MSSPHouseholds	MA615-22	1s5c3dca9-e5e0-4efe-8aa2-dafb1d83248a	TsNum	29516

date	html_source	quantity	title	subject	wrapper	si_value	title_id	context	property	tid	value-type	value
2022-10-26T18:40:09.071Z	http://mssp.tn.com:80/Numberflow/	magnitud	MA	Massachusetts	Maine County	21338	f6baa9-67b8-4438-92e2-df510ec36887	MSSP	households	f6baa9-67b8-4438-92e2-df510ec36887	TsNum	21338

```
x3 <- tnum.query("subj:Massachusetts* and prop:households and numval: >1000")
```

```
## Returned 14 results
```

```
x3_tag <- mapply(FUN = tnum.addTag, guid = x3$id,
  tag = "households:large",
  text = "the households in Massachusetts")
tnum.getTagsOfTn(x3[1,]$id)
```

```
## [1] "M_pophouseholds_1k" "Mas_pophouseholds_1k" "households:large"
```

```
kable(x3)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("217912", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("217912", : provided 5 variables to replace 1 variables
```

date	html_source	quantity	title	subject	wrapper	si_value	title_id	context	property	tid	value-type	value
2022-10-26T18:40:19.985Z	http://mssp.tn.com:80/Numberflow/	magnitud	MA	Massachusetts	Mass County	217912	42b8e09-199f-4fe7-bcc3-f5df99a25cb9	MSSP	households	42b8e09-199f-4fe7-bcc3-f5df99a25cb9	TsNum	217912
2022-10-26T18:40:31.998Z	http://mssp.tn.com:80/Numberflow/	magnitud	MA	Massachusetts	Mass County	309951	398ea98-cb0a-435a-af55-30d0308e73d6	MSSP	households	398ea98-cb0a-435a-af55-30d0308e73d6	TsNum	309951
2022-10-26T18:40:25.507Z	http://mssp.tn.com:80/Numberflow/	magnitud	MA	Massachusetts	Mass County	58838	3d35971-afb7-4bc5-8661-d37589bf9ff6	MSSP	households	3d35971-afb7-4bc5-8661-d37589bf9ff6	TsNum	58838
2022-10-26T18:40:30.901Z	http://mssp.tn.com:80/Numberflow/	magnitud	MA	Massachusetts	Mass County	309844	2fac5d9-3abd-4d8c-bc95-cbb4c4b3fcba	MSSP	households	2fac5d9-3abd-4d8c-bc95-cbb4c4b3fcba	TsNum	309844

date	html_source	name	quantity	subject	wrapper	si_value	id	context	property	tid	value-type	value
2022-10-26T18:40:29.819Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	P087400	P19e17	MSSP	Household	Be1b9e17-	TsNum	187460
					has	98b6-		MA615-		98b6-		
					households	4ea0-	22			4ea0-		
					=	187460	be07-			be07-		
							3480dd97012f			3480dd97012f		
2022-10-26T18:40:17.823Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	B048200	B12f74	MSSP	Household	Be12f74-	TsNum	94323
					has	2b39-		MA615-		2b39-		
					households	4a69-	22			4a69-		
					=	94323	9518-			9518-		
							d99f23a73791			d99f23a73791		
2022-10-26T18:40:27.667Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	N037130	N2e48a	MSSP	Household	Bb42e48a-	TsNum	3713
					has	372c-		MA615-		372c-		
					households	4195-	22			4195-		
					=	3713	a138-			a138-		
							ded8082204b5			ded8082204b5		
2022-10-26T18:40:26.580Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	M060180	M38835	MSSP	Household	e2388358-	TsNum	604384
					has	e069-		MA615-		e069-		
					households	4048-	22			4048-		
					=	604384	83b7-			83b7-		
							e70e7cfaac70			e70e7cfaac70		
2022-10-26T18:40:22.201Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	E094100	E25815	MSSP	Household	e3427815-	TsNum	294202
					has	d2e7-		MA615-		d2e7-		
					households	4258-	22			4258-		
					=	294202	8740-			8740-		
							f7d7ffc8ce49			f7d7ffc8ce49		
2022-10-26T18:40:21.177Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	D076510	D5dffb	MSSP	Household	ds85ef5bf-	TsNum	6765
					has	5b2b-		MA615-		5b2b-		
					households	4188-	22			4188-		
					=	6765	bc4d-			bc4d-		
							6cef46af9c5c			6cef46af9c5c		
2022-10-26T18:40:28.743Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	N065300	N7e9k	MSSP	Household	dc9c1a7e9-	TsNum	265300
					has	c4fb-		MA615-		c4fb-		
					households	4bff-	22			4bff-		
					=	265300	b616-			b616-		
							97c04254e11b			97c04254e11b		
2022-10-26T18:40:24.379Z	http://mssp.t.com:80/Numberflow/	magnolia	Massachusetts	Class	County	H079400	H4b02	MSSP	Household	ecb4b02-	TsNum	179423
					has	970b-		MA615-		970b-		
					households	486a-	22			486a-		
					=	179423	adaf-			adaf-		
							1c8a552bafef			1c8a552bafef		

date	html_source	name	quantity	subject	wrapper	si_value	id	context	property	tsid	value-type	value
2022-10-26T18:40:23.280Z	http://mssp.t.com:80/Num	magnichad	1	Massachusetts County	has households = 30569	204e-4bcb-b53d-70a23f60ed2c	204e-4bcb-b53d-70a23f60ed2c	MA615-22	MA615-22	204e-4bcb-b53d-70a23f60ed2c	TsNum	30569
2022-10-26T18:40:18.901Z	http://mssp.t.com:80/Num	magnichad	1	Massachusetts County	has households = 54813	f8cb-43b9-9538-8a9b98a8bbc9	f8cb-43b9-9538-8a9b98a8bbc9	MA615-22	MA615-22	f8cb-43b9-9538-8a9b98a8bbc9	TsNum	54813

```
x4 <- tnum.query("subj:New_Hampshire* and prop:households and numval: >1000")
```

```
## Returned 10 results
```

```
x4_tag <- mapply(FUN = tnum.addTag, guid = x4$id,
  tag = "households:large",
  text = "the households in New Hampshire")
tnum.getTagsOfTn(x4[1,]$id)
```

```
## [1] "NH_pophouseholds_1k" "households:large"
```

```
kable(x4)
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("13768", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("13768", : provided 5 variables to replace 1 variables
```

date	html_source	name	quantity	subject	wrapper	si_value	id	context	property	tsid	value-type	value
2022-10-26T18:40:36.370Z	http://mssp.t.com:80/Num	magnichad	1	New_Hampshire County	has households = 13768	4531-4dbb-8c78-44098955ac4d	4531-4dbb-8c78-44098955ac4d	MA615-22	MA615-22	4531-4dbb-8c78-44098955ac4d	TsNum	13768
2022-10-26T18:40:37.460Z	http://mssp.t.com:80/Num	magnichad	1	New_Hampshire County	has households = 34727	86a7-474c-a8d7-4a4d399bdfd6	86a7-474c-a8d7-4a4d399bdfd6	MA615-22	MA615-22	86a7-474c-a8d7-4a4d399bdfd6	TsNum	34727
2022-10-26T18:40:33.081Z	http://mssp.t.com:80/Num	magnichad	1	New_Hampshire County	has households = 25052	d1e0-4854-9859-d777f12567cd	d1e0-4854-9859-d777f12567cd	MA615-22	MA615-22	d1e0-4854-9859-d777f12567cd	TsNum	25052

date	html_source	quantity	subject	wrapper	si_value	id	context	property	value-type	value
2022-10-26T18:40:34.154Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	21456	households	has	a26d-4a47-af06-74963d4acac3	MA615-22	MSSP	households	tsnum	21456
2022-10-26T18:40:41.829Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	48982	households	has	e718-4570-853f-ddb8e3020522	MA615-22	MSSP	households	tsnum	48982
2022-10-26T18:40:39.645Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	58452	households	has	a957-4849-948a-b555b94a72e9	MA615-22	MSSP	households	tsnum	58452
2022-10-26T18:40:38.517Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	161086	households	has	d70a-4529-a92f-f00bfe7cefe1	MA615-22	MSSP	households	tsnum	161086
2022-10-26T18:40:42.917Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	17328	households	has	306c-45a6-a0e9-f52158e36dfa	MA615-22	MSSP	households	tsnum	17328
2022-10-26T18:40:35.230Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	30141	households	has	54b4-4c55-a741-db7998a60d6e	MA615-22	MSSP	households	tsnum	30141
2022-10-26T18:40:40.739Z	http://mssp.tn.com:80/Numberflow/magnichadNew_HampshireCountyClerkOffice	121045	households	has	42f2-4abb-a074-15f323e19881	MA615-22	MSSP	households	tsnum	121045

```
x5 <- tnum.query("subj:Rhode_Island* and prop:households and numval: >1000")
```

```
## Returned 5 results
```

```
x5_tag <- mapply(FUN = tnum.addTag, guid = x5$id,
                 tag = "households:large",
                 text = "the households in Rhode Island")
tnum.getTagsOfTn(x5[1,]$id)
```

```
## [1] "households:large"
```

```
kable(x5)
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("19217", : provided 5 variables to replace 1 variables
```

```
## Warning in `[<-.data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("19217", : provided 5 variables to replace 1 variables
```

date	html_source	quantity	subject	wrapper	si_value	id	context	property	value-type	value
2022-10-26T18:40:43.990Z	http://mssp.t.com:8080/Numberflow/	magnichard	Island	has	cf99-4876-88c7-6ebd97b58d81	19217	MSSP	households	sd4c4bf9-TsNum	19217
2022-10-26T18:40:45.086Z	http://mssp.t.com:8080/Numberflow/	magnichard	Island	has	d9ac-4990-9579-e91767a33a57	69422	MSSP	households	219d167-TsNum	69422
2022-10-26T18:40:46.239Z	http://mssp.t.com:8080/Numberflow/	magnichard	Island	has	07f2-4721-9fb6-22946e646e89	34777	MSSP	households	313003d-TsNum	34777
2022-10-26T18:40:47.398Z	http://mssp.t.com:8080/Numberflow/	magnichard	Island	has	9cf3-4bfc-a118-6364fd21ae2f	237971	MSSP	households	78444051-TsNum	237971
2022-10-26T18:40:48.571Z	http://mssp.t.com:8080/Numberflow/	magnichard	Island	has	6f37-45f4-85e9-550a4d0af964	49102	MSSP	households	84bf0b88-TsNum	49102

```
p1 <- tnum.postStatement(
  stmt = "the highest median income of Maine is Cumberland at 73072",
  notes = "Our first truenumber")

p2 <- tnum.postStatement(
  stmt = "the highest median income of Connecticut is Fairfield at 95645",
  notes = "Our second truenumber")

p3 <- tnum.postStatement(
  stmt = "the highest median income of Vermont is Chittenden at 73647",
  notes = "Our third truenumber")
```

```

p4 <- tnum.postStatement(
  stmt = "the highest median income of Hillsborough is Fairfield at 81460",
  notes = "Our fourth truenumber")

p5 <- tnum.postStatement(
  stmt = "the highest median income of Massachusetts is Nantucket at 107717",
  notes = "Our fifth truenumber")

r1 <- tnum.postStatement(
  stmt = "the highest households of Connecticut at Hartford County is 350408",
  notes = "Our sixth truenumber")

r2 <- tnum.postStatement(
  stmt = "the highest households of Maine at Cumberland County is 120644",
  notes = "Our seventh truenumber")

r3 <- tnum.postStatement(
  stmt = "the highest households of Massachusetts at Middlesex County is 604384",
  notes = "Our eighth truenumber")

r4 <- tnum.postStatement(
  stmt = "the highest households of New Hampshire at Hillsborough County is 161086",
  notes = "Our ninth truenumber")

r5 <- tnum.postStatement(
  stmt = "the highest households of Rhode Island at Providence County is 237971",
  notes = "Our tenth truenumber")

df <- tnum.jsonArray(list(p1,p2,p3,p4,p5,r1,r2,r3,r4,r5))
kable(df)

```

```

## Warning in `[<-data.frame`(`*tmp*`, , j, value = structure(list(mag =
## structure(c("NULL", : provided 5 variables to replace 1 variables

```

date	htmlsource	author	notes	subject	wrapper	htn_id	content	properties	partid	value-type	value	quantity	value
2022-11-11T03:06:45.469Z	http://msf6921.com:8080/Numberflow/	Our first truenumber	Our first truenumber	Maine	the highest median income of Maine = "Cumberland at 73072"	8bd031ef-1482-4cfc-a6b3-4dae19266b50	MSSFPacome:median031ef-1482-4cfc-a6b3-4dae19266b50	MA615-22	1482-4cfc-a6b3-4dae19266b50	at	73072	NULL	NULL
2022-11-11T03:06:45.466Z	http://msf6671.com:8080/Numberflow/	Our second truenumber	Our second truenumber	Connecticut	the highest median income of Connecticut = "Fairfield at 95645"	cce09c7a-b2a8-4364-a014-44f0c2515eaf	MSSFPacome:median09c7a-b2a8-4364-a014-44f0c2515eaf	MA615-22	b2a8-4364-a014-44f0c2515eaf	at	95645	NULL	NULL

date	html_serve	name	notes	author	subject	wrapper	htn_id	content	property	part	value-type	value	quantity	value
2022-11-11T03:06:45.875Z	http://mspr7571.com:8080/Numberflow/w/	Our third true-number	pria	Vermont	the highest median income of Vermont = "Chittenden at 73647"		ab93ac6673cc-460e-a8be-1e4b4b442b78	MSSP	Income: median	ab93ac6673cc-at73647	Chittenden	NULL	NULL	
2022-11-11T03:06:46.022Z	http://mspr7571.com:8080/Numberflow/w/	Our fourth true-number	pria	Hillsborough	the highest median income of Hillsborough = "Fairfield at 81460"		349ccbab8c1-467b-883c-1a285cfdfc0e	MSSP	Income: median	349ccbab8c1-at81460	Fairfield	NULL	NULL	
2022-11-11T03:06:46.199Z	http://mspr7571.com:8080/Numberflow/w/	Our fifth true-number	pria	Massachusetts	the highest median income of Massachusetts = "Nantucket at 107717"		9be714beb82-45a3-a861-64890ad0ec0e	MSSP	Income: median	9be714beb82-at107717	Nantucket	NULL	NULL	
2022-11-11T03:06:46.511Z	http://mspr7571.com:8080/Numberflow/w/	Our sixth true-number	pria	County: Hartford	the highest number of households in Connecticut at Hartford County = 350408		b53ddab8a67-40af-b855-2d47c0e590cd	MSSP	Households: highest	b53ddab8a67-, 0, 350408	County: Hartford	350408	350408	
2022-11-11T03:06:47.079Z	http://mspr7571.com:8080/Numberflow/w/	Our seventh true-number	pria	County: Cumberland	the highest number of households in Cumberland County = 120644		a591e846a5d2-492f-b5a2-73585ec099fc	MSSP	Households: highest	a591e846a5d2-, 0, 120644	County: Cumberland	120644	120644	

date	html_serve	name	notes	author	subject	wrapper	htn_id	context	property	partid	value- type	value	quantity	value
2022-11-11T03:06:47.451Z	http://ms5171.com:8080/Number/w/	Our eighth truth-enum	priority	County: Middlesex	highest	Massachusetts at Middlesex County = 604384	2d69-4340-baf0cf2ec1fdd8fb	MA615-22	Households	highest	1TsNum	604384, 0, 604384,	604384	604384
2022-11-11T03:06:47.789Z	http://ms5171.com:8080/Number/w/	Our ninth truth-enum	priority	County: Hillsborough	highest	at Hillsborough County = 161086	b4d9-436d-b128ed9957e2aef1	MA615-22	Households	highest	1TsNum	161086, 0, 161086,	161086	161086
2022-11-11T03:06:48.097Z	http://ms5171.com:8080/Number/w/	Our tenth truth-enum	priority	County: Providence	highest	at Providence County = 237971	eac6-4bac-b829-971026086401	MA615-22	Households	highest	1TsNum	237971, 0, 237971,	237971	237971