

Subject: Re: top 10 movers

Date: Tuesday, September 24, 2019 at 6:24:48 PM Eastern Daylight Time

From: Yamauchi, Soichiro

To: Noora Lori

```
dat %>% group_by(year) %>% summarise(n = n())
```

```
# A tibble: 14 x 2
```

	year	n
	<dbl>	<int>
1	2006	183
2	2007	183
3	2008	198
4	2009	198
5	2010	199
6	2011	199
7	2012	199
8	2013	199
9	2014	199
10	2015	199
11	2016	199
12	2017	199
13	2018	199
14	2019	199

On Tue, Sep 24, 2019 at 6:19 PM Yamauchi, Soichiro
<syamauchi@g.harvard.edu> wrote:

```
> dat0619
```

```
# A tibble: 183 x 4
```

country	`2006`	`2019`	diff
---------	--------	--------	------

```

      <chr>          <dbl> <dbl> <dbl>
1 United Arab Emirates    35  167  132
2 Taiwan                  42  146  104
3 Serbia                  32  131  99
4 Seychelles              52  150  98
5 Albania                 17  113  96
6 Romania                 73  169  96
7 Ukraine                 32  126  94
8 Mauritius               52  145  93
9 Colombia                32  124  92
10 Bosnia and Herzegovina  25  116  91

```

... with 173 more rows

```
> dat1219
```

A tibble: 193 x 4

```

  country      `2012` `2019` diff
      <chr>          <dbl> <dbl> <dbl>
1 United Arab Emirates    70  167  97
2 Colombia                59  124  65
3 Peru                    76  132  56
4 Grenada                 87  141  54
5 Georgia                 60  113  53
6 Micronesia              67  119  52
7 St. Vincent and the Grenadines  92  144  52
8 Vanuatu                 77  129  52
9 Samoa                   79  130  51
10 St. Lucia              93  144  51

```

... with 183 more rows

```
> dat1419
```

```
# A tibble: 194 x 4
```

```
country      `2014` `2019` diff
```

```
<chr>        <dbl> <dbl> <dbl>
```

```
1 United Arab Emirates      77  167  90
```

```
2 Colombia                  66  124  58
```

```
3 Georgia                   62  113  51
```

```
4 Grenada                   91  141  50
```

```
5 St. Vincent and the Grenadines  94  144  50
```

```
6 Peru                      83  132  49
```

```
7 Ukraine                   79  126  47
```

```
8 Vanuatu                   82  129  47
```

```
9 St. Lucia                 98  144  46
```

```
10 Samoa                    85  130  45
```

```
# ... with 184 more rows
```

```
>
```

```
>
```