

```

/* STATE NAMES AND THEIR CODES */
select name, statecode from states;
/*

```

name	statecode
Alaska	AK
Alabama	AL
Arkansas	AR
Arizona	AZ
California	CA
Colorado	CO
Connecticut	CT
Delaware	DE
Florida	FL
Georgia	GA
Hawaii	HI
Iowa	IA
Idaho	ID
Illinois	IL
Indiana	IN
Kansas	KS
Kentucky	KY
Louisiana	LA
Massachusetts	MA
Maryland	MD
Maine	ME
Michigan	MI
Minnesota	MN
Missouri	MO
Mississippi	MS
Montana	MT
North Carolina	NC
North Dakota	ND
Nebraska	NE
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
Nevada	NV
New York	NY
Ohio	OH
Oklahoma	OK

Oregon	OR
Pennsylvania	PA
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Virginia	VA
Vermont	VT
Washington	WA
Wisconsin	WI
West Virginia	WV
Wyoming	WY

```
+-----+
50 rows in set (0.00 sec)
*/
```

```
/* ALL COUNTIES STARTING WITH PRINCE */
```

```
select * from counties where name like 'Prince%';
/*
```

```
+-----+-----+-----+
---+-----+
| name | statecode | population_19
50 | population_2010 |
+-----+-----+-----+
---+-----+
| Prince of Wales-Hyder | AK |
0 | 5559 |
| Prince Georges | MD | 1941
82 | 863420 |
| Prince Edward | VA | 153
98 | 23368 |
| Prince George | VA | 196
79 | 35725 |
| Prince William | VA | 226
12 | 402002 |
+-----+-----+-----+
---+-----+
*/
```

```

/* 2010 Population for the state represented by Sen
.Richard Lugar */
select population_2010 from states, senators where
  states.statecode = senators.statecode and senator
s.name = "Richard Lugar";
/*

```

```

+-----+
| population_2010 |
+-----+
|           6483802 |
+-----+
*/

```

```

/* Count the number of counties in Maryland */
select * from counties, states where states.name =
'Maryland' and counties.statecode = states.statec
ode;
/*

```

```

-----+
| Allegany          | MD          |           89556 |
|           75087   | MD          | 5773552 |
|           5296486 |           | 1188044 |
| 12406.7 | Maryland | 2343001 |
|           1788-04-28 |
| Anne Arundel     | MD          |           117392 |
|           537656 | MD          | 5773552 |
|           5296486 |           | 1188044 |
| 12406.7 | Maryland | 2343001 |
|           1788-04-28 |
| Baltimore        | MD          |           270273 |
|           805029 | MD          | 5773552 |
|           5296486 |           | 1188044 |
| 12406.7 | Maryland | 2343001 |
|           1788-04-28 |
| Calvert          | MD          |           12100 |
|           88737   | MD          | 5773552 |
|           5296486 |           | 1188044 |
| 12406.7 | Maryland | 2343001 |
|           1788-04-28 |
| Caroline         | MD          |           18234 |
|           33066   | MD          | 5773552 |
|           5296486 |           | 1188044 |
| 12406.7 | Maryland | 2343001 |
|           1788-04-28 |
| Carroll          | MD          |           44907 |

```

167134	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Cecil	MD			33356
101108	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Charles	MD			23415
146551	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Dorchester	MD			27815
32618	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Frederick	MD			62287
233385	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Garrett	MD			21259
30097	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Harford	MD			51782
244826	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Howard	MD			23119
287085	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Kent	MD			13677
20197	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Montgomery	MD			164401
971777	MD		5773552	
5296486		2343001		1188044
12406.7	Maryland	1788-04-28		
Prince Georges	MD			194182
863420	MD		5773552	
5296486		2343001		1188044

12406.7	Maryland	1788-04-28	
Queen Annes	MD		14579
47798	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
St. Marys	MD		29111
105151	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Somerset	MD		20745
26470	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Talbot	MD		19428
37782	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Washington	MD		78886
147430	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Wicomico	MD		39641
98733	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Worcester	MD		23148
51454	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	
Baltimore city	MD		949708
620961	MD		5773552
5296486		2343001	1188044
12406.7	Maryland	1788-04-28	

+-----+-----+-----+-----+
-----+-----+-----+-----+
-----+-----+-----+-----+
-----+-----+-----+-----+

24 rows

*/

/* Single query to find the name of the last admitt

```

ed state to the union */
select name from states where admitted_to_union =
(select max(admitted_to_union) from states);
/*

```

```

+-----+
| name   |
+-----+
| Hawaii |
+-----+
*/

```

```

/* All democratic senators that are not chairman of
   committees or sub-committees */
select name from senators where name not in (select
chairman from committees) and affiliation = 'D'
order by name;
/*

```

```

+-----+
| name           |
+-----+
| Harry Reid     |
| Jeff Merkley   |
| Joe Manchin    |
| Richard Blumenthal |
| Tom Udall      |
+-----+
*/

```