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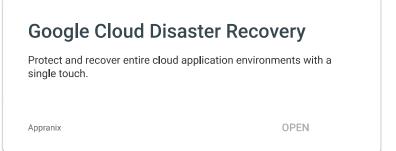
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# **Download Database**



■ Account

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Time Zone database is updated randomly depends on changes. You may follow us at <u>twitter</u> for latest database updates. If you created script to download updates automatically, you can check the latest version date (UTC) at <u>here</u>.

The database is available in CSV or SQL format. Download the format which fullfill your needs.

File Name	Date	Size	
timezonedb.csv.zip	09 May, 2020	989.73 kB	<u>.</u>
timezonedb.sql.zip	09 May, 2020	976.04 kB	<b>±</b>



News & Update

#### **CSV Format**

CSV package contains country.csv, timezone.csv, and zone.csv. The data is comma-delimited text in UTF-8 encoding.

#### country.csv

Fields: "country\_code","country\_name"

"TV","Tuvalu"
"TW","Taiwan"
"TZ","Tanzania"
"UA","Ukraine"
"UG","Uganda"

https://timezonedb.com/download

#### 5/14/2020

"UM","United States Minor Outlying Islands"

"US","United States"

"UY","Uruguay"

"UZ","Uzbekistan"

"VA","Vatican"

#### Tweets by @TimeZo

version.



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any ideas, kindly

TimeZoneDB @TimeZoneDB Having network response is slow

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Another update

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available!timezo #mysql #csv

Embed

#### timezone.csv

Fields: "zone\_id","abbreviation","time\_start","gmt\_offset","dst"

"370","EST","-273686400","-18000","1"
"370","EST","-266432400","-18000","0"
"370","EST","-52938000","-14400","1"
"370","EST","-37216800","-18000","0"
"370","EDT","-21488400","-14400","1"
"370","EST","-5767200","-18000","0"
"370","EST","25682400","-18000","0"
"370","EST","41410800","-14400","1"
"370","EST","57736800","-18000","0"

## zone.csv

Fields: "zone\_id","country\_code","zone\_name"

"388","US","America/Phoenix"

"389","US","America/Los\_Angeles"

"390","US","America/Anchorage"

"391","US","America/Juneau"

"392","US","America/Sitka"

"393","US","America/Yakutat"

"394","US","America/Nome"

"395","US","America/Adak"

"396","US","America/Metlakatla"

"397","US","Pacific/Honolulu"

#### Installation

These CSV data can easily load into your MySQL database. Use the following MySQL queries:

```
DROP TABLE IF EXISTS 'country';
CREATE TABLE `country` (
  `country_code` CHAR(2) NULL,
  `country_name` VARCHAR(45) NULL,
 INDEX `idx_country_code` (`country_code`)
) COLLATE='utf8_bin' ENGINE=MyISAM;
LOAD DATA LOCAL INFILE 'country.csv' INTO TABLE `country` FIELDS TERMINATED BY ',' ENCLOSED BY "" LINES TERMINATED BY '\n';
DROP TABLE IF EXISTS 'timezone';
CREATE TABLE `timezone` (
  `zone_id` INT(10) NOT NULL,
  `abbreviation` VARCHAR(6) NOT NULL,
  `time_start` INT NOT NULL,
  `gmt_offset` INT NOT NULL,
  'dst' CHAR(1) NOT NULL,
  INDEX `idx_zone_id` (`zone_id`),
  INDEX `idx_time_start` (`time_start`)
) COLLATE='utf8_bin' ENGINE=MyISAM;
LOAD DATA LOCAL INFILE 'timezone.csv' INTO TABLE `timezone` FIELDS TERMINATED BY ',' ENCLOSED BY "" LINES TERMINATED BY '\n';
DROP TABLE IF EXISTS 'zone';
CREATE TABLE `zone` (
  `zone_id` INT(10) NOT NULL AUTO_INCREMENT,
  `country_code` CHAR(2) NOT NULL,
  `zone_name` VARCHAR(35) NOT NULL,
  PRIMARY KEY (`zone_id`),
  INDEX `idx_zone_name` (`zone_name`)
) COLLATE='utf8_bin' ENGINE=MyISAM;
LOAD DATA LOCAL INFILE 'zone.csv' INTO TABLE `zone` FIELDS TERMINATED BY ',' ENCLOSED BY "" LINES TERMINATED BY '\n';
```

https://timezonedb.com/download

#### **SQL Format**

The SQL package contains *timezonedb.sql*, a SQL queries file dumped out by <u>mysqldump</u>. The data can directly load into your MySQL server using following command:

mysql -u USERNAME -pPASSWORD timezonedb < timezonedb.sql

#### **Usage**

The validity of a time zone depends on *time\_start* field in the database. This is important to get the correct GMT offset especially areas having Daylight Saving Time. The example below showing how to query the time zone information using zone name *America/Los\_Angeles*.

SELECT z.country\_code, z.zone\_name, tz.abbreviation, tz.gmt\_offset, tz.dst

FROM `timezone` tz JOIN `zone` z

ON tz.zone\_id=z.zone\_id

WHERE tz.time\_start <= UNIX\_TIMESTAMP(UTC\_TIMESTAMP()) AND z.zone\_name='America/Los\_Angeles'

ORDER BY tz.time\_start DESC LIMIT 1;

#### Output:

"country\_code","zone\_name","abbreviation","gmt\_offset","dst"

"US","America/Los\_Angeles","PST","-28800","0"

In order to show the local time of a zone, please use the following query:

SELECT FROM\_UNIXTIME(UNIX\_TIMESTAMP(UTC\_TIMESTAMP()) + tz.gmt\_offset, '%a, %d %b %Y, %H:%i:%s') AS local\_time

FROM `timezone` tz JOIN `zone` z

ON tz.zone\_id=z.zone\_id

WHERE tz.time\_start <= UNIX\_TIMESTAMP(UTC\_TIMESTAMP()) AND z.zone\_name='America/Los\_Angeles'

ORDER BY tz.time\_start DESC LIMIT 1;

#### Output:

"local\_time"

"Thu, 14 May 2020, 08:55:51"

## ① Time Zones

TimeZoneDB <u>database</u> covered 240+ countries of the world with 400+ <u>time zones</u>.

## **Premium**

We also provide premium API services for heavy and commercial usage. The price is as low as **\$4.20 USD** per month.

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## About

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