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I am new in codeigniter, I want to count all rows from database table but the query dose not retrieve the exact total of rows. Here is Model

public function countRow(){

$query = $this->db->query("SELECT \*,count(id) AS num\_of\_time FROM home");

// print\_r($query->result());

return $query->result();

}

and this is the controller

public function countTotalrow(){

$data['query'] = $this->home\_model->countRow();

}

this is the view

foreach ($num\_of\_time as $row){

<span><?php print\_r($row->id);?></span>

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asked Mar 10 '15 at 7:37

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* 1

if it does not get the exact total of rows, what does it retrieve? – [Kelvin Barsana](https://stackoverflow.com/users/3883393/kelvin-barsana) [Mar 10 '15 at 7:39](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46169335_28958307)

* i think the variable '$num\_of\_time' in the third code sample should be '$query' – [Kelvin Barsana](https://stackoverflow.com/users/3883393/kelvin-barsana) [Mar 10 '15 at 7:42](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46169417_28958307)
* it give an incorrect number 11, but the records are 14 in table. – [Nilab](https://stackoverflow.com/users/4559670/nilab" \o "165 reputation) [Mar 10 '15 at 7:48](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46169571_28958307)
* try replacing this "print\_r($row->id)" with this "print\_r($row->num\_of\_time)" – [Kelvin Barsana](https://stackoverflow.com/users/3883393/kelvin-barsana) [Mar 10 '15 at 7:53](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46169684_28958307)
* not working when i changed "print\_r($row->id)" to "print\_r($row->num\_of\_time)" it gets 21 . – [Nilab](https://stackoverflow.com/users/4559670/nilab" \o "165 reputation) [Mar 10 '15 at 7:59](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46169840_28958307)

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11 Answers

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41

You could use the helper function $query->num\_rows()

It returns the number of rows returned by the query. You can use like this:

$query = $this->db->query('SELECT \* FROM my\_table');

echo $query->num\_rows();

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answered Mar 10 '15 at 8:10

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* 9

There is no reason to run a full query when the database engine can just return the total row count from it's metadata storage. It is resource wasteful and won't scale well. Instead of querying the whole table, use $this->db->count\_all\_results() – [pbarney](https://stackoverflow.com/users/62536/pbarney" \o "2,002 reputation) [Aug 8 '17 at 1:36](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment78075748_28958771)

* yes i am agree with @pbarney .there is no need to fire full query because you can get record from $this->db->from('home'); $this->db->count\_all\_results(); source : [codeigniter.com/user\_guide/database/…](https://codeigniter.com/user_guide/database/query_builder.html#limiting-or-counting-results) – [kunal shaktawat](https://stackoverflow.com/users/5697686/kunal-shaktawat" \o "438 reputation) [Dec 17 '19 at 8:48](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment104933837_28958771)

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Use this code:

$this->db->where(['id'=>2])->from("table name")->count\_all\_results();

or

$this->db->from("table name")->count\_all\_results();

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answered May 11 '17 at 12:03

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2

If you really want to count all rows. You can use this in model function:

$this->db->select('count(\*)');

$query = $this->db->get('home');

$cnt = $query->row\_array();

return $cnt['count(\*)'];

It returns single value, that is row count

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answered Mar 10 '15 at 7:55

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2

This is what is did that solved the same problem. I solved it by creating a function that returns the query result thus:

function getUsers(){

$query = $this->db->get('users');

return $query->result();

}

//The above code can go in the user\_model or whatever your model is.

This allows me to use one function for the result and number of returned rows.

Use this code below in your contoller where you need the count as well as the result array().

//This gives you the user count using the count function which returns and integer of the exact rows returned from the query.

$this->data['user\_count'] = count($this->user\_model->getUsers());

//This gives you the returned result array.

$this->data['users'] = $this->user\_model->getUsers();

I hope this helps.

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answered Jul 26 '18 at 18:09

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1

replace the query inside your model function with this

$query = $this->db->query("SELECT id FROM home");

in view:

echo $query->num\_rows();

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answered Mar 10 '15 at 8:09

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* it gives this error A PHP Error was encountered Severity: Warning Message: Invalid argument supplied for foreach() – [Nilab](https://stackoverflow.com/users/4559670/nilab" \o "165 reputation) [Mar 10 '15 at 9:27](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46172454_28958767)
* @nilab dont include foreach, just the echo – [Kelvin Barsana](https://stackoverflow.com/users/3883393/kelvin-barsana) [Mar 10 '15 at 9:35](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46172737_28958767)
* not working it shows wrong number @Kelvin Barsana i need the total entries of my table which are 14 it give me 21 after removing foreach. – [Nilab](https://stackoverflow.com/users/4559670/nilab" \o "165 reputation) [Mar 10 '15 at 16:58](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46190881_28958767)
* model: $query = $this->db->query('SELECT id FROM idea\_home'); return $query; view: <span><?php echo $query->num\_rows();?></span> – [Nilab](https://stackoverflow.com/users/4559670/nilab" \o "165 reputation) [Mar 11 '15 at 5:05](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46208258_28958767)
* num\_rows() displays how many rows have been fetched, so its kinda weird to see different results, how about changing the query to 'SELECT \*' – [Kelvin Barsana](https://stackoverflow.com/users/3883393/kelvin-barsana) [Mar 11 '15 at 5:21](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment46208586_28958767)

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1

You may try this one

$this->db->where('field1',$filed1);

$this->db->where('filed2',$filed2);

$result = $this->db->get('table\_name')->num\_rows();

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answered Nov 7 '17 at 10:21

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* @darkheir Thanks bro – [Hariharan.P](https://stackoverflow.com/users/3286299/hariharan-p" \o "31 reputation) [Nov 7 '17 at 11:12](https://stackoverflow.com/questions/28958307/php-codeigniter-count-rows#comment81262152_47155407)

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1

To count all rows in a table:

echo $this->db->count\_all\_results('table\_name');

To count selected rows from table:

echo $this->db->where('name', $name)->count\_all\_results('table\_name');

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answered Dec 13 '17 at 15:29

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1

**To count all rows in a table:**

**Controller:**

function id\_cont() {

$news\_data = new news\_model();

$ids=$news\_data->data\_model();

print\_r($ids);

}

**Model:**

function data\_model() {

$this->db->select('\*');

$this->db->from('news\_data');

$id = $this->db->get()->num\_rows();

return $id;

}

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answered Jul 10 '18 at 14:01

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1

public function number\_row()

{

$query = $this->db->select("count(user\_details.id) as number")

->get('user\_details');

if($query-> num\_rows()>0)

{

return $query->row();

}

else

{

return false;

}

}

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answered Jan 29 '19 at 9:00

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1

public function record\_count() {

return $this->db->count\_all("tablename");

}

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answered Aug 31 '19 at 19:15

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0

Try This :) I created my on model of count all results

in library\_model

function count\_all\_results($column\_name = array(),$where=array(), $table\_name = array())

{

$this->db->select($column\_name);

// If Where is not NULL

if(!empty($where) && count($where) > 0 )

{

$this->db->where($where);

}

// Return Count Column

return $this->db->count\_all\_results($table\_name[0]);//table\_name array sub 0

}

Your Controller will look like this

public function my\_method()

{

$data = array(

$countall = $this->model->your\_method\_model()

);

$this->load->view('page',$data);

}

Then Simple Call The Library Model In Your Model

function your\_method\_model()

{

return $this->library\_model->count\_all\_results(

['id'],

['where],

['table name']

);

}

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