

332.122:338.45

... , ;
...
...
... 2011 . [4],
2010-
... 2014 . [5].
...
...
...
...
...
...
...
... [1], ... ,
... [2], ... , ...
... [3] .
... [6], ... , ...
...
© ... , 2011.
© ... 2011.
:

$$Y = 0,838X_1 - 0,849X_3 + 0,14X_4 - 0,189X_5 + 1,281 \quad (1)$$

: Y -

1996 ., X₁ -

, X₃ -

, X₄ -

, X₅ -

); (10 (3 -);
(1 -);
(6 -).

Nonlinear Estimation

Statistica 8.0.

[6].
22

F-

2011-2015 .

2010-2012 .

[1-3].

$$[z_{in+L} - \Delta_{in+L}; z_{in+L} + \Delta_{in+L}], \quad (2)$$

$$\Delta_{in+L} = t_{\alpha k} \sqrt{\frac{\sum_{j=1}^n (z_{ij} - \hat{z}_{ij})^2}{n-2}} * \sqrt{1 + \frac{1}{n} + \frac{(t_{n+L} - \bar{t})^2}{\sum_{j=1}^n (t_j - \bar{t})^2}} \quad (3)$$

$$t_{\alpha k} = t(\alpha; n-2), \quad (4)$$

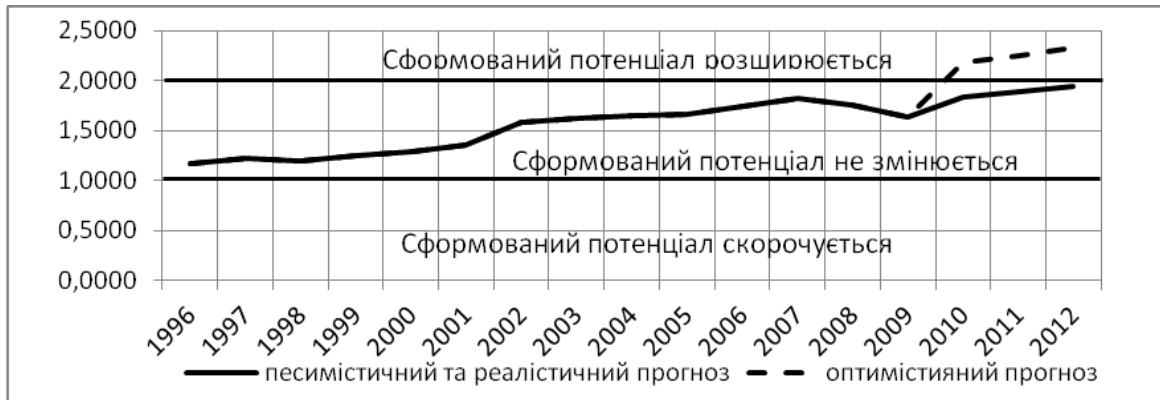
z_{in+L} -
n+L, Δ_{in+L} -

, t_{αk} -
, n -

, z_{ij}, \hat{z}_{ij} -

, t_j, \bar{t} -

, t_{n+L} -



.1.

(2) (94,5% 2012 .)(.1).

(132% 2012 .).

2010-2012 . [6].

1 2 (1996-2009 .).

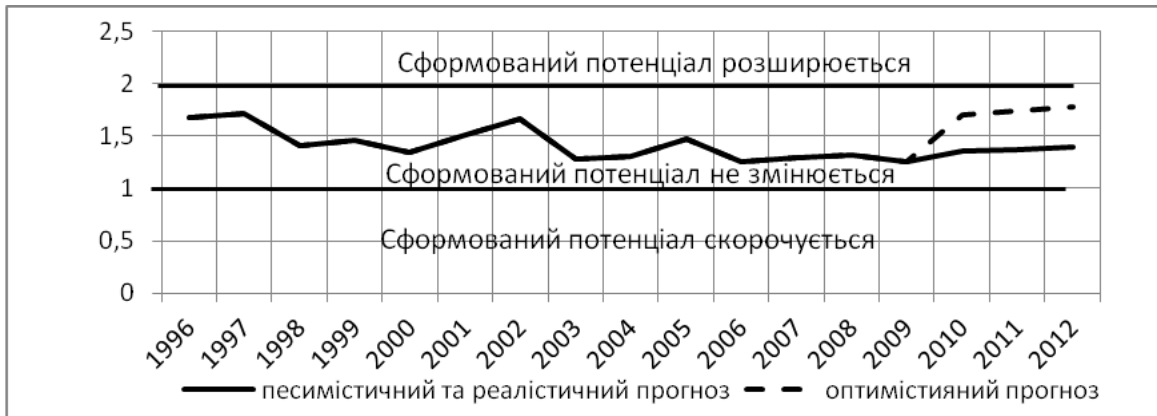
[1; 2], 2012 . 54,5% (.2).

1, .

2, 2012 . 102%.



.2.



.3.

(. 3).

2010-2012 .

47% 2012 .

36%.

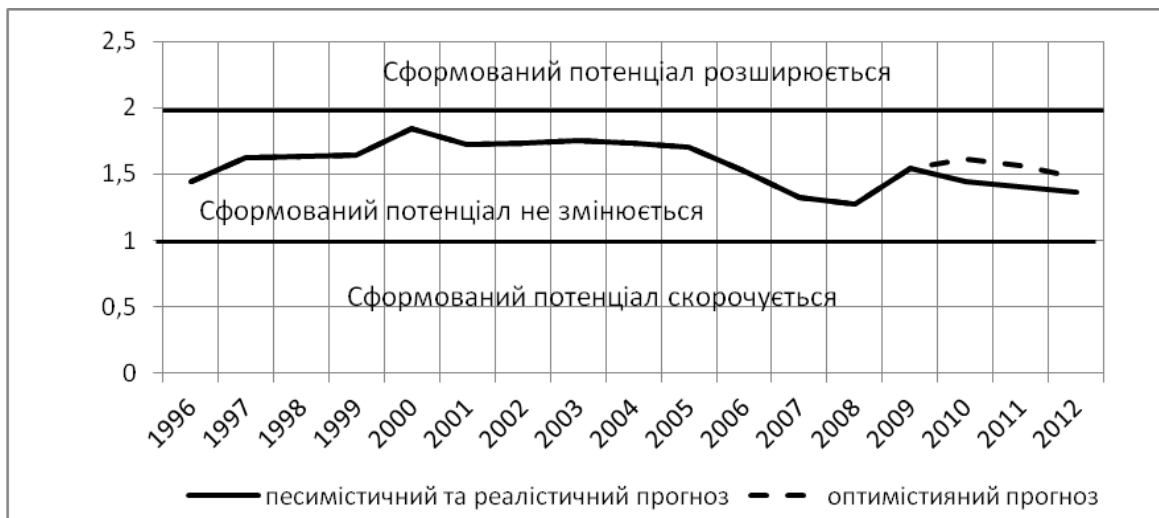
40%,

- 78%.

2010-2012 .

(. 4).

(1),



.4.

1.

. 2010-2012 .

1996 .						
2010	1,42	1,387-1,454	1,487	1,454-1,523	1,521	1,481-1,561
2011	1,446	1,41-1,481	1,516	1,481-1,551	1,542	1,498-1,585
2012	1,465	1,428-1,503	1,54	1,503-1,577	1,582	1,533-1,632
, %						
2010	107,9	105,4-110,5	113	110,5-115,7	115,6	112,5-118,6
2011	101,8	99,3-104,3	102	99,6-104,3	101,4	98,5-104,2
2012	101,3	98,8-103,9	101,6	99,1-104	102,6	99,4-105,8

$$[Y_{n+L} - \Delta_{n+L}; Y_{n+L} + \Delta_{n+L}] \quad (5)$$

2010-2012 .

.1

:

. 5.

$$\Delta_{n+L} = t_{ak} \sqrt{\frac{\sum_{j=1}^n (Y_j - \hat{Y}_j)^2}{n-2}} (\bar{X}_p [X^T X]^{-1} \bar{X}_p^T + 1), \quad (6)$$

. 5,

2007 . (1,587).

$$t_{ak} = t(\alpha; n - m - 1) \quad (7)$$

2007 . (1,582),

$Y_{n+L} -$ $n+L,$

2012 .

$m-$ $Y_j, \hat{Y}_j -$

(1,465 - $1,54$.)

,

2010 .

\bar{X}_p

2009 .

2012 .

2011 .

2012 .

2011



.5.

105,4% 118,6%, 2011 . – 99,3%
 104,2%, 2012 . – 98,8% 105,8%.

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2011-2012 .

1. 2010-2015 :
/ [.] . – , 2010. – 232 .
2. : / [. ,] ; , 2011. – 38 .
3. / [. ,] ; , 2011. – 54 .
4. 2011 . [.] . – : <http://www.oblrada.pl.ua/index.php/programi-oblasnoyi-radi>.
5. 2011-2014 « » [.] . – : <http://www.adm-pl.gov.ua/ua>.
6. , / // 2011. – 2. – . 88-95.

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Kachurina Nataliya Mykolaivna, graduate student Poltava national technical university of the name of Yu. Kondratyuk.
Modeling and forecasting of region industrial potential. In the article there is accomplished forecasting of the development of Poltava region industrial potential to 2011-2012 on the basis of modeling the gross value added growth depending on factors of the region industrial potential development. Exposed directions of further region industry's development.
Keywords: region industrial potential, forecasting, modeling, factors.

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