

502.5

... , 41, 79000, ... ,

...

...

[1]. 34 %

[3].

[3].

[3-4, 7-9].

...

2010 - 44 680 , 11,8 , - 44,4 [5].

2,0 41 993 [5]. - 5,2 , - 2,7 , 24,0 % , - 23,5 , - 19,7 , - 16,6 , - 16,2 % (.).

(1,23) , (1,18) , (1,3) 37 % ([6].).

2011 . , 2012 . (. 1-6).

	8 ⁰⁰ – 8 ²⁰	13 ⁰⁰ – 13 ²⁰	18 ⁰⁰ – 18 ²⁰
	493 / 563 / 540	510 / 547 / 524	519 / 591 / 560
	36 / 34 / 29	41 / 28 / 36	48 / 39 / 53
	13 / 11 / 9	9 / 17 / 13	11 / 15 / 18
	18 / 9 / 11	16 / 12 / 9	21 / 11 / 17
	560 / 617 / 589	576 / 604 / 582	599 / 656 / 648

	8 ⁰⁰ – 8 ²⁰	13 ⁰⁰ – 13 ²⁰	18 ⁰⁰ – 18 ²⁰
	651 / 779 / 731	642 / 782 / 701	660 / 786 / 797
	139 / 71 / 53	128 / 68 / 62	141 / 76 / 81
	28 / 8 / 11	23 / 5 / 2	31 / 3 / 5
	32 / 4 / 2	29 / 6 / 3	35 / 8 / 6
	850 / 862 / 797	822 / 861 / 768	867 / 873 / 889

3

. - (-)

	$8^{00} - 8^{20}$	$13^{00} - 13^{20}$	$18^{00} - 18^{20}$
	557 / 523 / 536	555 / 525 / 544	561 / 528 / 553
	3 / 2 / 1	2 / 1 / 3	5 / 3 / 4
	0 / 1 / 1	1 / 0 / 1	2 / 2 / 1
	1 / 3 / 2	3 / 1 / 0	2 / 1 / 2
	561 / 529 / 540	561 / 527 / 548	570 / 534 / 560

4

. - (-)

	$8^{00} - 8^{20}$	$13^{00} - 13^{20}$	$18^{00} - 18^{20}$
	193 / 487 / 360	190 / 493 / 336	199 / 516 / 374
	80 / 25 / 35	74 / 27 / 28	84 / 30 / 39
	15 / 6 / 4	10 / 7 / 2	11 / 9 / 3
	7 / 4 / 1	4 / 5 / 3	10 / 7 / 2
	295 / 522 / 400	278 / 532 / 366	305 / 562 / 418

5

- (-)

	$8^{00} - 8^{20}$	$13^{00} - 13^{20}$	$18^{00} - 18^{20}$
	746 / 749 / 757	738 / 744 / 748	753 / 754 / 761
	58 / 69 / 64	52 / 65 / 53	65 / 72 / 73
	7 / 6 / 4	5 / 4 / 6	8 / 9 / 7
	18 / 4 / 1	21 / 6 / 3	29 / 5 / 2
	829 / 828 / 826	816 / 819 / 810	855 / 840 / 843

6

- (-)

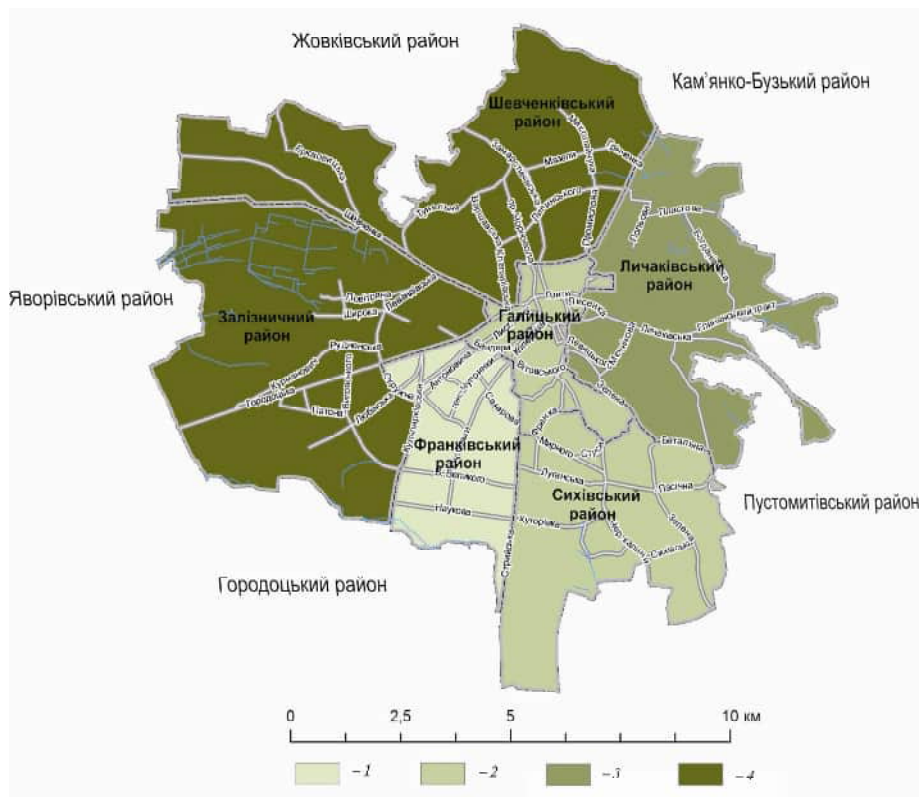
	$8^{00} - 8^{20}$	$13^{00} - 13^{20}$	$18^{00} - 18^{20}$
	509 / 435 / 476	511 / 439 / 469	519 / 441 / 481
	35 / 17 / 25	33 / 18 / 21	39 / 21 / 28
	5 / 5 / 3	4 / 6 / 2	7 / 4 / 5
	1 / 6 / 4	2 / 8 / 6	3 / 9 / 3
	550 / 463 / 508	550 / 471 / 498	568 / 475 / 517

2011 ., - 2012 ., - 2012 .).
 .7 (-)
 (. . 1).

(... 7).

7

	8 ⁰⁰	13 ⁰⁰	18 ⁰⁰
–	560 / 617 / 589	576 / 604 / 582	599 / 656/648
–	850 / 862 / 797	822 / 861 / 768	867 / 873/889
–	561 / 529 / 540	561 / 527 / 548	570 / 534/560
–	295 / 522 / 400	278 / 532 / 366	305 / 562/418
–	829 / 828 / 826	816 / 819 / 810	855 / 840/843
–	550 / 463 / 508	550 / 471 / 498	568 / 475/517

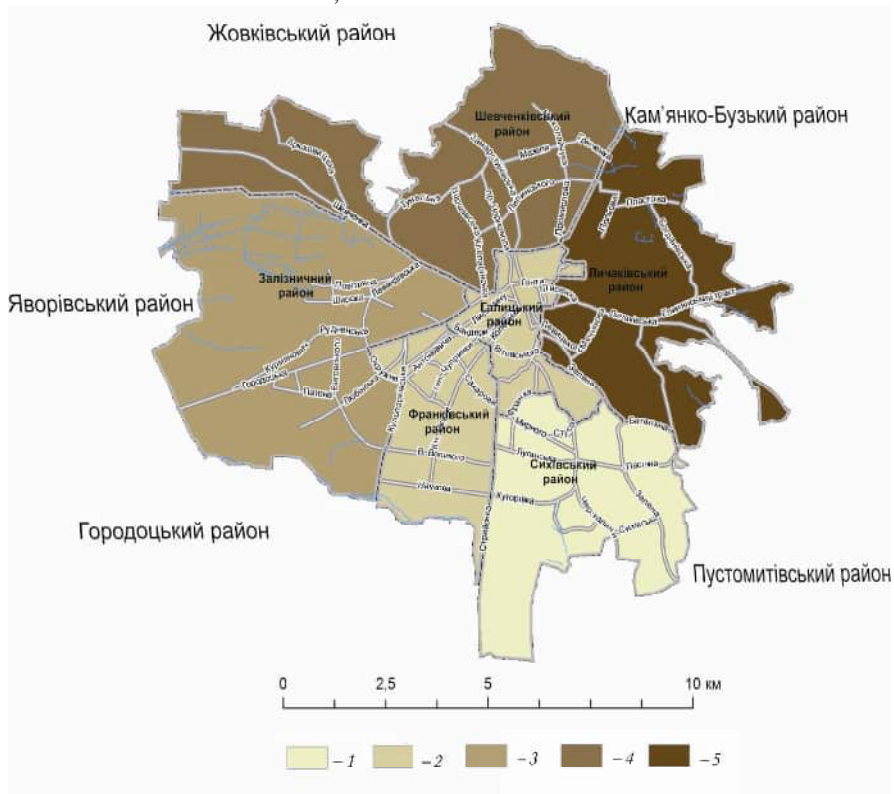


1. ... : 1 – 450,0; 2 – 450,1–600,0; 3 – 600,1–750,0; 4 – 750,0

$$K_{CO} = (A + 0,01 \cdot N \cdot K_m) \cdot K \cdot K_h \cdot K_c \cdot K_b \cdot K_n, \quad [2] \quad (1)$$

(= 0,5 / 3); N –
 (./); K_m –

; K_b , K_c , K_b – , ; K – ,
 , ; K_n – ,
 , [2],
 – (. 2),



. 2.
 , / ³: 1 – 30,0; 2 – 30,1–45,0; 3 – 45,1–60,0; 4 – 60,1–75,0; 5 – 75,0

4,9 1 000 , – 4,4 1 000 ,
 , – 5 7 [10].

1 000 , , 2,3 1 000, , - 4,2 ,
 , - 2,7 6,8.
 20 1 000 . 21 1 000 , .
 , 2 % - ,
 [10].
 , - , , - .
 , , , - , -
 , - .
 , ;
 , ;

1. “ ” 16.10.1992 . 2708-XII
 []. - : zakon.rada.gov.ua. - 15 .
2. : : /
 , , . - .: , 2002. - 352 .
3. / . . // .
 . - 2009. - . 5 (58), . 1. - . 109-112.
4. / . . ,
 . - .: , 2004. - 312 .
5. : . - , 2011. - 104 .
6. . - : , 2006. - 100 .; , 2008. - 115 .;
 2009. - 100 .; , 2010. - 126 .
7. / . . , . . ,
 . - .: , 2000. - 304 .
8. -
 , . / . . , . . ,
 . . . // - . - 2003. -
 . 13.5. - . 125-130.
9. : / . . . - .:
 , 2000. - 248 .

10. - , 2011 . – , 2012. – 238 с.
:
09.04.2014
16.07.2014
10.09.2014

**ANALYSIS OF THE INFLUENCE OF MOTOR TRANSPORT ON THE OUTDOOR
AIR POLLUTION BY CARBON MONOXIDE OF THE LVIV CITY CROSSROADS**

Myroslava Petrovska, Vasylyna Morkvych

*Ivan Franko National University of Lviv,
P. Doroshenko Str., 41, UA – 79000 Lviv, Ukraine*

The amounts of the harmful substances emissions from the stationary and moving sources in Lviv City have been determined, as well as the traffic load on the Lviv crossroads. The coefficient of CO concentration on some Lviv highway crossroads has been calculated, and the map of the intensity of the pollution of Lviv crossroads from CO emissions has been composed.

Key words: atmospheric air, motor transport, carbon monoxide.