



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# Memorandum

Subject: **ACTION:** Base Course Wear Rate (BCWR),  
Quarterly Update

Date: 2/8/24

From: Hebbani Lokesh Hebbani G  
Chief Lokesh  
Office of Consumer Standards

Digitally signed by  
Hebbani G Lokesh  
Date: 2024.02.08  
09:41:45 -05'00'

Reply to: NRM-310

To: Docket No. NHTSA-2001-9395

Through: Terrence Sommers  
Assistant Chief Counsel  
Office of Chief Counsel

**Background:** In accordance with a final rule effective [July 24, 2000, F/R 65-33481], the Base Course Wear Rate (BCWR) will be updated through re-calibration and entered into the docket every quarter. The value for each current BCWR will be taken as the average of the last four calibrations. With each new quarterly calibration, the earliest (oldest) calibration value will be replaced with the latest (newest) calibration value and averaged with the three latest values.

The following are the values for the BCWR for each of the re-calibration periods along with the average for the previous calibrations as reported by the Uniform Tire Quality Grading Test Facility in San Angelo, Texas. Req. # NVS-222-5-01138.

Per a Final Rule, which was published on June 8, 2022 (87 FR 34800) the Standard Reference Test Tire for the BCWR has been updated to a 16” tire, replacing the previously used 14” tire. The 16” tire has been used for testing since May 2022. The latest BCWR values reflects this change.

DATE:	BCWR Quarterly Calibration:	Average BCWR for Period:
May 2000	5.443	6.768
July 2000	6.338	6.607
Sept. 2000	6.138	6.367
Dec. 2000	7.852	6.442
Mar. 2001	6.618	6.736
June 2001	5.956	6.641
Sept. 2001	6.886	6.828
Dec. 2001	7.750	6.802
Mar. 2002	6.710	6.826
June 2002	6.886	7.058

Sept. 2002	7.014	7.090
Dec. 2002	7.391	7.000
Mar. 2003	7.909	7.300
June 2003	7.099	7.353
Sept. 2003	7.755	7.538
Dec. 2003	6.255	7.254

<b>DATE:</b>	<b>BCWR Quarterly Calibration:</b>	<b>Average BCWR for Period:</b>
Mar. 2004	6.641	6.938
July 2004	5.795	6.611
Oct 2004	6.542	6.308
Dec.2004	5.351	6.082
Mar 2005	5.159	5.712
June 2005	5.151	5.550
Sep 2005	5.335	5.249
Dec 2005	5.035	5.170
Mar. 2006	5.119	5.16
June 2006	5.886	5.34
Sept. 2006	7.200	5.81
Jan 2007	6.518	6.181
April 2007	6.844	6.612
June 2007	6.401	6.741
Oct. 2007	7.225	6.747
Dec 2007	7.613	7.021
March 2008	6.769	7.002
July 2008	5.977	6.896
Sept. 2008	6.755	6.779
Jan 2009	5.663	6.291
Mar 2009	5.163	5.890
June 2009	6.381	5.991
Sept 2009	6.929	6.034
Nov 2009	6.618	6.273
Mar 2010	6.535	6.616
June 2010	5.909	6.498
Sept 2010	5.967	6.257
Jan 2011	5.626	6.009
April 2011	4.598	5.525
June 2011	5.133	5.331
Sept 2011	5.732	5.273

Jan 2012	7.345	5.702
Mar 2012	7.030	6.310
June 2012	7.810	6.979
Sept 2012	6.964	7.287
Jan 2013	8.402	7.552
March 2013	7.848	7.756
August 2013	7.960	7.794
November 2013 *	7.718	7.982
January 2014	8.160	7.922
May 2014	9.177	8.254

\* This convoy was run on the newly approved alternate route.

<b>DATE:</b>	<b>BCWR Quarterly Calibration:</b>	<b>Average BCWR for Period:</b>
August 2014	9.476	8.633
October 2014	9.341	9.039
February 2015	9.502	9.374
May 2015	8.911	9.308
September 2015	8.058	8.953
November 2015	9.550	9.005
February 2016	9.043	8.891
June 2016	9.500	9.038
October 2016	9.164	9.314
December 2016	9.481	9.290
February 2017	8.090	9.059
June 2017	7.556	8.573
August 2017	9.640	8.692
November 2017	8.932	8.555
February 21, 2018	7.481	8.402
May 10, 2018	8.253	8.577
November 26, 2018	9.648	8.579
December 13, 2018	8.867	8.562
March 29, 2019	6.555	8.331
May 14, 2019	8.242	8.328
August 24, 2019	7.243	7.727
January 15, 2020	7.237	7.320
March 13, 2020	7.695	7.605
June 2, 2020	6.719	7.224
August 21, 2020	6.983	7.159
March 3, 2021	8.122	7.380
April 15, 2021	7.228	7.263
September 17, 2021	<b>7.770</b>	7.526
May 19, 2022*	8.198	6.837
July 15, 2022*	5.156	6.537

September 19, 2022*	9.118	7.217
October 17, 2022*	6.640	7.278
February 8, 2023*	6.828	6.9355
August 14, 2023*	6.280	6.222
December 13, 2023	7.321	6.370
<b>February 2, 2024*</b>	<b>7.198</b>	<b>6.462</b>

\* These convoys were run using the 16" SRTT.



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# Memorandum

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Subject: **INFORMATION:** Consumer Information Regulations: Uniform Tire Quality Grading Standards (UTQGS) 49 CFR 575.104, A Current value of Base Course Wear Rate (BCWR), NHTSA Docket Number: [NHTSA-2001-9395] Date: February 8, 2024

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Reply to NRM-310

To: U.S. Department of Transportation Docket

As of February 2, 2024, the current value of the Base Course Wear Rate (BCWR) for the Course Monitoring Tires (CMTs) is **6.462** as per the Uniform Tire Quality Grading Standard (UTQGS) treadwear testing procedures; the agency will update the BCWR number every three months.<sup>1</sup>

cc: Claudia Covell, OVSC  
UTQG test facility, San Angelo, TX

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<sup>1</sup> Starting May 2022, the NHTSA began using 16" SR TT.