

CITY OF MILWAUKEE BRIDGES

With NBI Ratings and Sufficiency No. Based Upon Inspections in 2014
(Includes all bridges in City inventory, and those not inspected in 2014)

CITY BRIDGE #	STATE #	UNIT DESCRIPTION	DECK RATING	SUPER STRUCT. RATING	SUB STRUCT. RATING	CUL	SUFF. NO 2013	SUFF. No 2014	S1 No 2014	Low NBI No 2014
MILWAUKEE RIVER BRIDGES										
100	B-40-0952	Broadway, 101 North	6	6	6		73.6	75.6	55.00	6
101	B-40-0548	Water Street, 100 North	6	7	6		73.1	80.1	55.00	6
103	P-40-0523	St. Paul Avenue, 100 West	7	8	8		29.7	80.5	55.00	7
104	P-40-0868	Clybourn Street, 100 East	7	7	7		90.6	93.6	55.00	7
105	P-40-0886	Michigan Street, 100 West	4	5	6		69.3	61.2	45.00	4
106	B-40-0488	Wisconsin Avenue, 101 West	8	8	7		74.4	77.4	55.00	7
107	B-40-0544	Wells Street, 101 West	6	4	6		65.5	65.6	30.00	4
108	P-40-0881	Kilbourn Avenue, 100 West	7	8	6		88.8	91.8	54.33	6
109	B-40-0980	State Street, 101 West	7	7	5		61.5	64.7	43.10	5
110	B-40-0757	Juneau Avenue, 100 East	7	8	8		94.6	97.6	55.00	7
111	P-40-0864	Cherry Street, 100 East	6	5	4		45.2	48.2	30.00	4
112	B-40-0406	Pleasant Street, 400 East	8	7	7		94.5	94.5	55.00	7
113	P-40-0875	Holton Street Viaduct, 1800 N.	5	5	5		72.3	80.3	44.30	5
114	B-40-0726	Humboldt Avenue, 2000 North	7	8	7		97.4	99.4	55.00	7
115	B-40-0572	North Avenue, 1400 E.	6	7	7		95.5	97.5	55.00	6
116	P-40-0527	Locust Street, 1400 E.	6	7	6		75.8	77.8	55.00	6
117	B-40-0523	Capitol Drive, 1100 E.	7	7	7		91.5	94.5	55.00	7
118	B-40-0062	McKinley Avenue, 221 West	7	7	7		92.3	94.3	55.00	7

KINNICKINNIC RIVER BRIDGES

200	B-40-0591	Kinnickinnic Avenue, 1964 South	7	7	7		73.7	93.7	55.00	7
201	P-40-0830	1st Street, 2000 South	5	4	4		68.5	71.5	30.00	4
202	P-40-0794	Becher Street, 300 West	3	6	6		91.5	92.6	53.10	3
203	B-40-0648	Lincoln Avenue, 200 West	6	8	6		96.8	98.8	55.00	6
204	P-40-0829	1st Street, 2300 South	8	7	7		63.5	98.7	55.00	7
205	B-40-0017	Chase Avenue, 2600 South	7	8	7		87.6	90.6	55.00	7
206	B-40-0743	6th Street, 2700 South	7	9	8		94.6	97.6	55.00	7
210	P-40-0625	9th Place, 2700 South	6	6	6		97.9	98.9	55.00	6
214	P-40-0839	13th Street, 2700 South	6	6	6		97.6	99.6	55.00	6
218	P-40-0622	16th Street, 2700 South	7	6	6		95.5	97.5	55.00	6
219	B-40-0549	Cleveland Avenue, 1800 West	6	8	7		93.8	95.8	53.10	6
220	P-40-0842	20th Street, 2900 South				5	78.0	81.0	37.50	5
221	B-40-0438	27th Street, 2900 South	8	5	8		63.0	87.3	45.00	5
222	P-40-0630	29th Street, 2900 South	7	8	7		95.7	100.0	55.00	7
224	P-40-0511	35th Street, 3000 South	4	4	4		63.8	66.8	30.00	4
225	B-40-0911	Forest Home Avenue, 3600 West	8	8	7		95.9	98.9	55.00	7
227	B-40-0561	43rd Street, 2700 South	6	6	5		85.3	87.3	44.33	5
228	NO#	Cleveland Avenue, 5900 West					NR	NR		
229	NO#	Stack Drive, 5900 West					NR	NR		
230	NO#	55th Street, 3400 South					NR	NR		
231	P-40-0882	Lakefield Drive, 3000 West				6	73.5	76.5	47.50	6
233	P-40-0887	Morgan Avenue, 2900 West				6	80.9	83.9	55.00	6
234	B-40-0058	27th Street, 3500 South				8	80.0	83.0	55.00	8
235	P-40-0877	Howard Avenue, 2500 West				6	88.6	91.6	47.50	6
236	P-40-0844	20th Street, 4000 South				5	70.7	73.7	45.00	5
237	P-40-0579	Plainfield Avenue, 2200 West				6	98.0	100.0	55.00	6
238	P-40-0580	Bolivar Avenue, 2300 West				6	74.1	77.1	47.50	6
239	P-40-0841	13th Street, 4300 South				6	81.5	84.5	55.00	6
240	P-40-0833	6th Street, 4500 South				6	95.4	98.2	55.00	6
241	P-40-0592	5th Street, 4600 South				5	78.4	81.4	37.50	5
242	B-40-0434	Layton Avenue, 200 West				6	79.8	82.8	55.00	6
243	B-40-0007	Layton Avenue, 100 West				6	72.0	75.0	47.50	6
244	P-40-0581	6th Street, 5200 South				6	88.9	91.9	47.50	6
245	P-40-0510	20th Street, 4100 South				6	81.4	84.4	55.00	6
247	B-40-0458	Howell Avenue, 4800 South				6	79.0	82.0	55.00	6
248	P-40-0814-01	Oklahoma Avenue, 3000 West				7	77.7	83.6	55.00	7
249	NO#	Lincoln Avenue, 4200 West					NR	NR		
250	P-40-0814-02	Euclid Avenue, 3000 West				7	97.0	100.0	55.00	7

CITY BRIDGE #	STATE #	UNIT DESCRIPTION	DECK RATING	SUPER STRUCT. RATING	SUB STRUCT. RATING	CUL	SUFF. NO 2013	SUFF. NO 2014	S1 NO 2014	Low NBI NO 2014
MEMOMONEE RIVER BRIDGES										
300	P-40-0539	Plankinton Avenue, 100 West	6	5	6		62.6	64.6	45.00	5
301	B-40-0413-a	6th Street Viaduct, South Cable	7	7	7		92.3	95.3	55.00	7
301	B-40-0413-b	6th Street Viaduct, South Bascule, 177 South	7	7	7		87.3	89.5	55.00	7
301	B-40-0414-a	6th Street Viaduct, North Approach	7	7	7		91.9	94.9	55.00	7
301	B-40-0414-b	6th Street Viaduct, North Bascule, 216 North	7	7	7		85.8	89.2	55.00	7
301	B-40-0414-c	6th Street Viaduct, North Cable Viaduct	7	7	7		92.4	94.9	55.00	7
302	B-40-0560	11th Street, 600 South	6	7	7		89.4	100.0	55.00	6
303	B-40-0605	Emmber Lane, 144 North	7	7	6		90.4	93.4	55.00	6
304	B-40-0550-1	16th Street Viaduct, 400 North	6	7	6		95.3	97.3	55.00	6
304	B-40-0550-2	16th Street Viaduct, 400 North	7	7	7		91.2	93.2	55.00	7
304	B-40-0550-3	16th Street Viaduct, 400 North	7	7	6		95.3	97.3	55.00	6
304	B-40-0550-4	16th Street Viaduct, 400 North	7	7	6		95.3	97.3	55.00	6
304	B-40-0550-5	16th Street Viaduct, 400 North	7	6	6		93.2	95.2	55.00	6
304	B-40-0550-6	16th Street Viaduct, 400 North	7	6	6		93.2	95.2	55.00	6
304	B-40-0550-7	16th Street Viaduct, 400 North	7	6	6		95.3	97.3	55.00	6
304	B-40-0550-8	16th Street Viaduct, 400 North	7	6	6		95.3	97.3	55.00	6
304	B-40-0550-9	16th Street Viaduct, 400 North	7	6	6		95.3	97.3	55.00	6
304	B-40-0550-10	16th Street Viaduct, 400 North	7	7	6		95.3	97.3	55.00	6
304	B-40-0550-10A	16th Street Viaduct, 400 North Ramp	7	7	7		78.7	80.7	55.00	7
304	B-40-0550-10B	16th Street Viaduct, 400 North Ramp	7	7	7		78.7	80.7	55.00	7
304	B-40-0550-10C	16th Street Viaduct, 400 North Ramp	7	7	7		78.7	80.7	55.00	7
304	B-40-0550-10D	16th Street Viaduct, 400 North Ramp	7	7	7		78.7	80.7	55.00	7
304	B-40-0550-11	16th Street Viaduct, 400 North	7	7	6		95.3	97.3	55.00	6
304	B-40-0550-12	16th Street Viaduct, 400 North	7	6	6		93.2	95.2	55.00	6
304	B-40-0550-13	16th Street Viaduct, 400 North	7	6	7		95.3	97.3	55.00	6
304	B-40-0550-14	16th Street Viaduct, 200 North Bascule	6	4	4		67.9	69.9	30.00	4
304	B-40-0550-15	16th Street Viaduct, 400 North	7	6	7		95.3	97.3	55.00	6
304	B-40-0550-16	16th Street Viaduct, 400 North	7	6	7		93.2	95.2	55.00	6
304	B-40-0550-17	16th Street Viaduct, 400 North	7	7	7		95.3	97.3	55.00	7
305	B-40-0513-1	27th Street Viaduct, 400 North	7	7	7		94.4	96.4	55.00	7
305	B-40-0513-2	27th Street Viaduct, 400 North	7	6	7		96.5	98.5	55.00	6
305	B-40-0513-3	27th Street Viaduct, 400 North	7	7	7		95.4	97.4	55.00	7
305	B-40-0513-4	27th Street Viaduct, 400 North	7	7	7		94.4	96.4	55.00	7
305	B-40-0513-5	27th Street Viaduct, 400 North	7	7	7		94.4	96.4	55.00	7
306	P-40-0847	35th Street Viaduct, 400 North	5	7	6		91.4	94.4	53.10	5
307	B-40-0546	Bluemound Road, 4100 West	8	7	6		88.1	82.4	55.00	6
308	B-40-0603	Wisconsin Ave. Viaduct, 4100 W.	5	6	6		86.5	88.5	55.00	5
309	P-40-0601	45th Street, 900 North	8	7	7		46.4	74.7	54.33	7
311	P-40-0531	Burleigh St., 9900 West (S/S)	4	6	6		88.9	93.3	55.00	4
311	P-40-0532	Burleigh St., 9900 West (N/S)	3	5	6		77.7	79.5	45.00	3
312	B-40-0759	Capitol Drive, 10500 West	8	9	8		95.6	95.6	55.00	8
313	B-40-0632	124th Street, 5300 North	6	8	8		96.9	99.3	55.00	6
314	B-40-0287	Mill Road, 12400 West	7	8	8		96.6	98.6	55.00	7
315	B-40-0393	Good Hope Road, 11500 West (E)	7	8	8		75.6	78.6	55.00	7
315	B-40-0394	Good Hope Road, 11500 West (W)	7	8	8		76.6	78.6	55.00	7
316	B-40-0629	Bradley Road, 11500 West				7	81.6	83.6	55.00	7
317	P-40-0658	50th Place, 950 North	0	0	0		BO	BO		
318	P-40-0654	25th Street, 100 North	5	6	6		77.5	79.5	55.00	5
319	B-40-0711	Canal Street Viaduct	6	8	7		78.7	80.4	55.00	6
320	NO#	124th Street, 8900 North					NR	NR		

**LITTLE MEMOMONEE RIVER
BRIDGES**

400	P-40-0755	Burbank Avenue, 6800 North				6	97.8	99.9	55.00	6
401	P-40-0582	Denver Avenue, 8100 West fla				6	90.3	92.4	47.50	6
402	P-40-0583	Green Tree Road, 7400 West				6	90.0	92.0	47.50	6
403	P-40-0584	Acacia Street, 7400 West				6	90.3	92.3	47.50	6
404	P-40-0537	Calumet Road, 9200 West	6	4	2		52.9	40.9	0.00	2
405	B-40-0627	Bradley Road, 9200 West	8	8	8		76.7	78.7	55.00	8
406	B-40-0756	County Line Road, 10400 West	8	8	8		95.1	98.1	55.00	8
408	P-40-0756	Hastings Street, 6700 North				6	97.8	100.0	55.00	6
410	B-40-0229	N. 91st Street, 6750 North				7	79.2	82.2	55.00	7

CITY BRIDGE #	STATE #	UNIT DESCRIPTION	SUPER DECK RATING	SUB STRUCT. RATING	SUB STRUCT. RATING	CUL	SUFF. NO 2013	SUFF. NO 2014	S1 NO 2014	Low NBI NO 2014
LINCOLN CREEK BRIDGES										
500	B-40-0651	Green Bay Avenue, 5400 North	7	7	5		84.9	87.2	44.33	5
501	P-40-0894	Villard Avenue, 2300 West	4	4	6		82.0	67.4	30.00	4
502	P-40-0823	Teutonia Avenue, 5100 North	5	7	7		75.6	78.6	39.82	5
502b	B-40-0703	Teutonia Avenue, Bypass				8	80.9	83.9	55.00	8
503	P-40-0636	Cameron Avenue, 3100 West	3	6	6		94.9	94.9	55.00	3
504	P-40-0801	Hampton Avenue, 3200 West	7	8	7		93.7	97.2	55.00	7
505	B-40-0545	32nd Street, 4700 North				7	96.6	98.6	55.00	7
507	P-40-0850	35th Street, 4400 North	8	7	7		87.9	90.9	47.50	7
507b	B-40-0701	35th Street, 4400 North Bypass				8	82.3	84.3	55.00	8
509	B-40-0415	Sherman Boulevard, 4400 North				8	96.9	98.9	55.00	8
510	P-40-0586	Glendale Avenue, 4600 West	8	8	7		93.2	93.3	53.10	7
511	P-40-0632	51st Boulevard, 4500 North	4	3	5		67.6	37.0	0.00	3
512	P-40-0854	60th Street, 4700 North	5	6	6		87.6	98.2	55.00	5
513	P-40-0534	Hampton Avenue, 6300 West	3	5	6		91.0	79.7	44.33	3
514	P-40-0895	Villard Avenue, 6400 West				6	74.7	76.7	47.50	6
515	P-40-0535	60th Street, 5400 North				6	81.0	84.0	55.00	6
516	B-40-0054	Silver Spring Drive, 5700 West				5	64.3	67.3	45.00	5
517	P-40-0667	Green Tree Road, 5100 West				8	97.0	99.4	55.00	8
518	P-40-0547	60th Street, 4600 North				6	80.4	83.4	55.00	6
520	P-40-0665	Woolworth Avenue, 5100 West				8	98.0	100.0	55.00	8
521	P-40-0666	51st Street, 6350 North				8	98.0	100.0	55.00	8

HONEY CREEK BRIDGES

600	B-40-0988	Bluemond Road, 8000 West	6	5	6		62.1	64.4	44.33	5
602	B-40-0986	84th Street, 100 South	4	4	5		81.2	65.0	30.00	4
602b	C-40-0016	84th Street, 100 South, Bypass				6	NR	NR		6
604	P-40-0633	72nd Street, 3200 South				4	62.2	65.4	22.50	4
605	P-40-0638	Morgan Avenue, 6900 West				7	81.6	84.6	55.00	7
606	P-40-0855	68th Street, 3700 South				5	70.5	73.6	45.00	5
607	P-40-0545	Howard Avenue, 6500 West				6	96.7	99.7	55.00	6
608	P-40-0544	60th Street, 4300 South				6	81.1	84.1	55.00	6
609	P-40-0513	Cold Springs Rd., 5900 West				6	88.8	91.8	47.50	6

OAK CREEK BRIDGES

700	NO#	Ramsey Avenue, 1600 West					NR	NR		
701	P-40-0543	13th Street, 6200 South				5	68.1	71.1	45.00	5

UNION PACIFIC RAILROAD BRIDGES

802	P-40-0848	35th Street Viaduct, 2700 S.	6	6	5		60.7	62.3	45.00	5
803	B-40-0595	Forest Home Ave. Viaduct, 3300 W.(S)	6	8	6		95.6	97.6	55.00	6
803	B-40-0596	Forest Home Ave. Viaduct, 3300 W.(N)	6	8	6		95.7	97.7	55.00	6
804	B-40-0718	29th Street, 2800 South	8	8	8		97.9	99.9	55.00	8
805	B-40-0437	27th Street, 2800 South	6	8	5		75.0	75.9	43.10	5
806	B-40-0556	20th Street, 2800 South	6	7	6		95.6	97.6	55.00	6
807	B-40-0555	16th Street, 2800 South	6	7	6		74.5	76.5	55.00	6
808	B-40-0589	13th Street, 2800 South	7	7	6		77.3	79.3	55.00	6
809	B-40-0588	9th Place, 2800 South	6	7	4		69.9	69.7	30.00	4
811	B-40-0608	Oklahoma Ave., 200 West (N)	7	7	7		80.5	82.5	55.00	7
811	B-40-0630	Oklahoma Ave., 200 West (S)	7	7	7		80.6	82.6	55.00	7
812	B-40-0571	Chase Avenue, 3300 South	4	4	3		44.9	44.9	15.00	3
813	P-40-0644	Whitnall Avenue, 3400 South	3	3	6		46.7	46.0	14.33	3
814	P-40-0509	Howell Avenue, 3400 South	8	7	7		93.7	95.7	55.00	7
820	P-40-0804	Lincoln Ave. Viaduct, 1500 E.	8	7	8		94.8	97.1	54.33	7
826	P-40-0607	Greenfield Avenue, 200 East					NR	NR		
831	B-40-0029	Prospect Avenue, 2100 North	7	8	6		80.3	82.3	55.00	6
832	B-40-0145	Farwell Avenue, 2150 North	7	7	5		68.6	71.6	45.00	5
839	B-40-0035	Teutonia Avenue, 6300 North	7	8	7		95.8	95.8	53.10	7
842	B-40-0435	Lovers Lane Road, 5700 North fla (115th)	4	4	6		65.7	68.7	29.33	4

CITY BRIDGE #	STATE #	UNIT DESCRIPTION	DECK RATING	SUPER STRUCT. RATING	SUB STRUCT. RATING	CUL	SUFF. NO 2013	SUFF. NO 2014	S1 NO 2014	Low NBI NO 2014
CANADIAN PACIFIC RAILROAD BRIDGES										
900	B-40-0500	Grange Avenue, 1000 West	4	5	5		82.6	85.6	45.00	4
920	P-40-0856	70th Street, 700 South	3	4	5		44.9	44.9	30.00	3
924	B-40-0533	Bluemound Rd. Viaduct, 4300 W.	7	7	6		80.8	91.4	55.00	6
925	P-40-0533	Ramp State Street	7	7	6		93.8	96.8	55.00	6
925	P-40-0873	Hawley Road Viaduct, 900 North	6	7	5		55.4	56.2	43.10	5
927	B-40-0716	Highland Boulevard, 4100 West	7	8	8		95.6	97.6	55.00	7
928	B-40-0568	35th Street, 1300 North	6	8	6		77.7	79.8	55.00	6
929	B-40-0551	Vliet Street, 3300 West	6	6	7		95.5	97.5	55.00	6
930	B-40-0005	Cherry Street, 3200 West	6	7	7		96.3	98.3	54.33	6
931	B-40-0014	Galena Street, 3100 West	7	7	6		93.0	95.0	55.00	6
932	B-40-0631	Walnut Street, 3100 West	7	7	7		95.3	100.0	55.00	7
933	B-40-0899	Lisbon Avenue, 3100 West	8	8	9		30.6	99.3	55.00	8
934	P-40-0859	Brown Street, 3100 West	3	3	3		41.3	41.3	7.50	3
935	P-40-0810	North Avenue, 3100 West	3	3	4		45.3	45.3	15.00	3
947	P-40-0653	25th Street Viaduct, 100 North	6	7	6		76.8	78.8	55.00	6
950	B-40-0713	Canal Street	7	8	8		77.6	79.6	55.00	7

PEDESTRIAN UNDERPASSES AND FOOT BRIDGES										
1000	NO#	Quincy Avenue, 3500 South					NR	NR		
1001	B-40-0901	60th Street, 2800 South					NR	NR		
1005	B-40-0902	Stark Street, 6400 West					NR	NR		
1008	B-40-0903	31st Street, 2700 South					NR	NR		
1011	NO#	Seeboth Street, 150 West (Tunnel)					NR	NR		
1015	B-40-0904	8th Street, 2700 South					NR	NR		
1016	B-40-0905	11th Street, 2700 South					NR	NR		
1017	B-40-0906	15th Street, 2700 South					NR	NR		
1018	B-40-0907	Highland Avenue, 100 West					NR	NR		
1019	B-40-0908	37th Street, 1300 North					NR	NR		
1020	B-40-0910	Holton Street Marsupial					NR	NR		
1021	B-40-0909	North Avenue Dam					NR	NR		
1022	M-40-0001	Hank Aaron Trail Ramp @ 6th St Viaduct					NR	NR		
1022	M-40-0002	Hank Aaron Trail Stairs @ 6th St. Viaduct					NR	NR		
1023	B-40-0727	Chase St. Pedestrian					NR	NR		
1024	B-40-0736	Trestle Connector					NR	NR		
1025	B-40-0739	Hank Aaron Trail @ 37th St.					NR	NR		
1026	B-40-0761	Hank Aaron Trail @ 33rd Court					NR	NR		
1027	B-40-0762	Hank Aaron Trail over CPRR					NR	NR		
1028	B-40-0222	Beerline Bridge, 320 W. Capitol					NR	NR		
1029	NO#	Booth Street Stairs					NR	NR		

MISCELLANEOUS BRIDGES										
1102	P-40-0589	Dana Court, 100 South	4	5	4		59.5	58.4	30.00	4
1103	B-40-0725	Humboldt Avenue, 2100 North	7	7	8		97.4	99.4	55.00	7
1104	B-40-0219	Port Washington Avenue, 4000 North	3	3	6		38.2	38.2	7.50	3
1105	B-40-0068	Teutonia Avenue, 5600 North	6	6	7		91.8	95.1	55.00	6
1106	B-40-0079	Sherman Boulevard, 5600 North	6	6	6		90.3	93.8	53.10	6
1107	B-40-0028	Green Bay Avenue, 5600 North	7	8	6		93.7	96.7	55.00	6
1109	P-40-0866	Cleveland Avenue, 2400 West	6	6	6		47.1	50.1	12.06	6

NORTHBRIDGE LAKES / BEAVER CREEK										
1200	NO#	72nd Street, 8900 North	0	0	0	6	NR	NR		
MINER CREEK										
1300	B-40-0532	Howard Avenue, 2800 West				6	77.7	83.1	55.00	6

CITY BRIDGE #	STATE #	UNIT DESCRIPTION	DECK RATING	SUPER STRUCT. RATING	SUB STRUCT. RATING	CUL	SUFF. NO 2013	SUFF. No 2014	S1 No 2014	Low NBI No 2014
------------------	---------	------------------	----------------	----------------------------	--------------------------	-----	------------------	------------------	---------------	--------------------

PERCENTAGE OF BRIDGES WITH SR > 50: 94.3%

PERCENTAGE OF BRIDGES WITH S1 > 30: 87.3%

	SUFFICIENCY GREATER THAN 80
	SUFFICIENCY OF 80 TO 50
	SUFFICIENCY LESS THAN 50
	NOT RATED
	BRIDGE OUT
	SHARED BRIDGE with other community
	NOT BUILT

- The 17 State bridges (excluding the bascule span) that comprise the 16th Street Viaduct (B-40-550-1 through 13, 15 through 17) are counted as one bridge (City No. 304).
- The four State bridges that comprise the 16th Street Ramp (B-40-550-10A, B, C and D) are counted as one bridge (City No. 304).
- The bascule span of the 16th Street Viaduct (B-40-550-14) is counted as a separate bridge (City No. 304).
- The five State bridges that comprise the 27th Street Viaduct (B-40-513-1 through 5) are counted as one bridge (City No. 305).
- The two State bridges (westbound and eastbound) that comprise the Good Hope Road Bridge (B-40-393 and 394) are counted as one bridge (City No. 315).
- The two State bridges (westbound and eastbound) that comprise the Forest Home Avenue Bridge (B-40-393 and 394) are counted as one bridge (City No. 803).
- The two State bridges (westbound and eastbound) that comprise the Oklahoma Avenue Bridge (B-40-608 and 630) are counted as one bridge (City No. 811).
- The Hawley Road Viaduct and State Street Ramp share a City number (925), but are counted separately.