



Discrepancies in the Marshall & Sanow "Data Base": An Evaluation Over Time

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Table 2. Marshall/Sanow Statistics

Caliber and Load	1988 Data			1992 Data			1996 Data			1988 to 1992 Data			1992 to 1996 Data		
	Shots	Stops	%	Shots	Stops	%	Shots	Stops	%	Shots	Stops	%	Shots	Stops	%
9mm, +P, +P+															
Fed 115gr JHP +P+				56	50	89%	109	98	90%	56	50	89%	53	48	91%
WW 115gr JHP +P+ (Q4174)	29	23	79%	51	45	88%	98	88	90%	22	22	100%	47	43	91%
RP 115gr +P+				15	13	87%	57	51	89%	15	13	87%	42	38	90%
Fed 124gr LHP-Nyclad				106	87	82%	239	200	84%	106	87	82%	133	113	85%
Fed 124gr HSHP +P+				22	18	82%	63	54	86%	22	18	82%	41	36	88%
Fed 115gr JHP	56	40	71%	127	103	81%	208	170	82%	71	63	89%	81	67	83%
WW 115gr STHP	89	63	71%	211	167	79%	304	252	83%	122	104	85%	93	85	91%
RP 115gr JHP	64	45	70%	106	81	76%	167	136	81%	42	36	86%	61	55	90%
Fed 147gr JHP				16	12	75%	27	21	78%	16	12	75%	11	9	82%
Fed 124gr HSHP				21	16	76%	106	86	81%	21	16	76%	85	70	82%
CCI 115gr JHP	40	28	70%	71	51	72%	135	107	79%	31	23	74%	64	56	88%
Fed 147gr HSHP				49	35	71%	278	218	78%	49	35	71%	229	183	80%
WW 147gr JHP-OSM	10	8	80%	89	61	69%	232	172	74%	79	53	67%	143	111	78%
Horn 90gr JHP	12	7	58%	25	16	64%				13	9	69%			
Horn 115gr JHP	19	13	68%	32	20	63%				13	7	54%			
WW 115gr FMJ	63	38	60%	148	90	61%	256	161	63%	85	52	61%	108	71	66%
.45 ACP															
Fed 230gr HSHP				43	38	88%	71	67	94%	43	38	88%	28	29	104%
CCI 200gr JHP	46	34	74%	62	53	85%	111	98	88%	16	19	119%	49	45	92%
Fed 185gr JHP	36	25	69%	91	77	85%	75	65	87%	55	52	95%	-16	-12	
RP 185gr JHP +P				24	20	83%	44	40	91%	24	20	83%	20	20	100%
WW 185gr STHP	30	21	70%	61	49	80%	73	60	82%	31	28	90%	12	11	92%
RP 185gr JHP	26	18	69%	56	44	79%	114	92	81%	30	26	87%	58	48	83%
WW 230gr FMJ	79	51	65%	139	89	64%	179	112	63%	60	38	63%	40	23	58%
Fed 230gr FMJ				166	104	63%	168	106	63%	166	104	63%	2	2	100%
RP 230gr FMJ				102	62	61%	122	79	65%	102	62	61%	20	17	85%
.41 Magnum															
WW 170gr STHP	14	12	86%	44	39	89%	53	47	89%	30	27	90%	9	8	89%
WW 210gr JHP	9	7	78%	29	24	83%	34	28	82%	20	17	85%	5	4	80%
RP 210gr JSP	11	9	82%	25	20	80%	31	25	81%	14	11	79%	6	5	83%
RP 210gr SWC	20	15	75%	46	35	76%	57	43	75%	26	20	77%	11	8	73%
WW 210gr SWC	19	14	74%	39	29	74%	43	32	74%	20	15	75%	4	3	75%
.44 Special															
Fed 200gr LHP	19	13	68%	32	23	72%	49	36	73%	13	10	77%	17	13	76%
WW 200gr STHP	20	14	70%	45	32	71%	60	45	75%	25	18	72%	15	13	87%
WW 246gr RNL	24	18	75%	46	31	67%	71	46	65%	22	13	59%	25	15	60%
RP 240gr SWC	10	7	70%	11	7	64%	17	11	65%	1	0	0%	6	4	67%
.44 Magnum															
WW 210gr STHP	20	17	85%	33	29	88%	50	45	90%	13	12	92%	17	16	94%
Fed 180gr JHP	16	13	81%	23	20	87%	37	33	89%	7	7	100%	14	13	93%
RP 240gr SJHP	12	10	83%	22	19	86%	34	30	88%	10	9	90%	12	11	92%
WW 240gr JHP	26	21	81%	36	30	83%	43	36	84%	10	9	90%	7	6	86%
WW 240gr SWC	30	24	80%	44	36	82%				14	12	86%			
Fed 240gr JHP	21	18	86%	31	25	81%	35	28	80%	10	7	70%	4	3	75%
RP 240gr SWC Medium	40	28	70%	53	39	74%	55	42	76%	13	11	85%	2	3	150%
.45 Long Colt															
Fed 225gr LHP	30	21	70%	57	44	77%	69	54	78%	27	23	85%	12	10	83%
WW 225gr STHP	29	20	69%	43	32	74%	53	39	74%	14	12	86%	10	7	70%
WW 255gr RNL	64	41	64%	85	59	69%	59	41	69%	21	18	86%	-26	-18	
RP 255gr SWC				14	9	64%	19	12	63%				5	3	60%
Total cases listed	2832	1860	66%	5892	4257	72%	9407	6916	74%	2950	2340	79%	4061	3032	75%

 data with 100% effectiveness
 false data