

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	%
.32 ACP															
WW 60gr STHP	12	7	58%	61	36	59%	83	52	63%	49	29	59%	22	16	73%
WW 71gr FMJ				96	48	50%	123	62	50%				27	14	52%
.380 ACP															
Fed 90gr JHP	22	13	59%	94	60	64%	109	75	69%	72	47	65%	15	15	100%
WW 85gr STHP	31	19	61%	59	32	54%	82	50	61%	28	13	46%	23	18	78%
RP 88gr JHP	17	10	59%	31	17	55%	51	29	57%	14	7	50%	20	12	60%
CCI 88gr JHP	18	10	56%	30	16	53%	57	33	58%	12	6	50%	27	17	63%
Horn 90gr JHP	9	5	56%	19	10	53%	26	14	54%	10	5	50%	7	4	57%
Fed 95gr FMJ	27	15	56%	80	41	51%	131	67	51%	53	26	49%	51	26	51%
.38 Special, +P, +P+, 2" barrel only															
WW 158gr LHP +P	29	18	62%	57	38	67%	106	71	67%	28	20	71%	49	33	67%
Fed 158gr LHP +P	23	14	61%	38	25	66%	111	73	66%	15	11	73%	73	48	66%
Rem 158gr LHP +P	16	10	63%	35	23	66%	81	53	65%	19	13	68%	46	30	65%
Fed 125gr JHP +P	26	15	58%	45	28	62%	103	67	65%	19	13	68%	58	39	67%
Rem 125gr JHP +P	39	23	59%	69	42	61%	91	59	65%	30	19	63%	22	17	77%
CCI 125gr JHP +P	18	10	56%	35	20	57%	53	34	64%	17	10	59%	18	14	78%
WW 125gr JHP +P	24	13	54%	41	23	56%	63	39	62%	17	10	59%	22	16	73%
Fed 125gr JSP +P	48	26	54%	68	36	53%				20	10	50%			
Fed 158gr SWC	53	27	51%	89	44	49%	167	82	49%	36	17	47%	78	38	49%
Fed 158gr RNL	112	57	51%	194	95	49%	319	157	49%	82	38	46%	125	62	50%
Rem 95gr JHP +P	58	30	52%	83	43	52%	118	71	60%	25	13	52%	35	28	80%
WW 110gr JHP +P	50	25	50%	73	37	51%				23	12	52%			
.38 Special, +P, +P+, 4" barrel only															
WW 158gr LHP +P	82	53	65%	112	85	76%	302	235	78%	30	32	107%	190	150	79%
Fed 158gr LHP +P	66	42	64%	125	91	73%	209	161	77%	59	49	83%	84	70	83%
Rem 158gr LHP +P	58	37	64%	62	44	71%	143	100	70%	4	7	175%	81	56	69%
Fed 125gr JHP	39	24	62%	122	86	70%	214	156	73%	83	62	75%	92	70	76%
Rem 125gr JHP +P	28	17	61%	17	14	82%	106	77	73%	-11	-3		89	63	71%
CCI 125gr JHP +P	21	13	62%	6	6	100%	74	52	70%	-15	-7		68	46	68%
WW 125gr JHP +P	20	12	60%	3	4	133%				-17	-8				
Fed 125gr JSP +P	52	30	58%	25	18	72%				-27	-12				
Fed 158gr SWC	68	37	54%	85	48	56%	278	144	52%	17	11	65%	193	96	50%
Fed 158gr RNL	109	60	55%	112	65	58%	456	231	51%	3	8	167%	344	166	48%
Rem 95gr JHP	84	46	55%	49	32	65%	119	78	66%	-35	-14		70	46	66%
WW 110gr JHP +P	54	30	56%	10	8	80%				-44	-22				
.357 Magnum															
Fed 125gr JHP	48	41	85%	406	390	96%	523	501	96%	358	349	97%	117	111	95%
RP 125gr JHP	37	33	89%	116	109	94%	204	196	96%	79	76	96%	88	87	99%
CCI 125gr JHP	24	21	88%	71	65	92%	153	143	93%	47	44	94%	82	78	95%
Fed 110gr JHP	39	32	82%	63	57	90%	204	184	90%	24	25	104%	141	127	90%
WW 125gr JHP	53	45	85%	77	67	87%	105	91	87%	24	22	92%	28	24	86%
RP 110gr JHP	19	15	79%	34	29	85%	53	47	89%	15	14	93%	19	18	95%
WW 145gr STHP	26	20	77%	48	40	83%	84	71	85%	22	20	91%	36	31	86%
RP 125gr JHP Medium				12	10	83%	23	19	83%	12	10	83%	11	9	82%
RP 158gr JHP	19	14	74%	27	22	81%	38	31	82%	8	8	100%	11	9	82%
Fed 158gr JHP	26	19	73%	58	47	81%				32	28	88%			
WW 158gr JHP	51	36	71%	72	57	79%				21	21	100%			
Fed 158gr LHP-Nyclad				11	8	73%	42	34	81%	11	8	73%	31	26	84%
CCI 158gr JSP	18	12	67%	29	21	72%				11	9	82%			
WW 158gr SWC	64	46	72%	89	64	72%	98	71	72%	25	18	72%	9	7	78%
Fed 158gr SWC	24	17	71%	36	25	69%				12	8	67%			
RP 158gr SWC	38	25	66%	71	48	68%				33	23	70%			

data with 100% effectiveness
false data