

Committee Report

CONSENT CALENDAR

February 4, 2021

HOUSE OF REPRESENTATIVES

REPORT OF COMMITTEE

The Committee on Fish and Game and Marine Resources to which was referred HB 192,

AN ACT relative to pistols permitted for the taking of deer. Having considered the same, report the same with the recommendation that the bill OUGHT TO PASS.

Rep. David Love

FOR THE COMMITTEE

COMMITTEE REPORT

Committee:	Fish and Game and Marine Resources
Bill Number:	HB 192
Title:	relative to pistols permitted for the taking of deer.
Date:	February 4, 2021
Consent Calendar:	CONSENT
Recommendation:	OUGHT TO PASS

STATEMENT OF INTENT

This is a modernization and housekeeping bill for Fish and Game laws. It modernizes the current law by extending the calibers allowed, to include newer and the more common calibers for the taking of deer. It also increases the rounds to six for the number of rounds allowed in a pistol. Having five rounds here, in pistols like revolvers, created an enforcement issue for Fish and Game and was making accidental criminals out of some hunters. You see, you can have six rounds in a revolver for personal protection while hunting, however only five rounds in the same revolver if used for hunting. Fish and Game Enforcement division agreed with the change, and also the change in HB 342, which brought all firearms to the same level, six rounds. This bill makes for more uniformity in law.

Vote 17-3.

Rep. David Love
FOR THE COMMITTEE

Original: House Clerk
Cc: Committee Bill File

CONSENT CALENDAR

Fish and Game and Marine Resources

HB 192, relative to pistols permitted for the taking of deer. **OUGHT TO PASS.**

Rep. David Love for Fish and Game and Marine Resources. This is a modernization and housekeeping bill for Fish and Game laws. It modernizes the current law by extending the calibers allowed, to include newer and the more common calibers for the taking of deer. It also increases the rounds to six for the number of rounds allowed in a pistol. Having five rounds here, in pistols like revolvers, created an enforcement issue for Fish and Game and was making accidental criminals out of some hunters. You see, you can have six rounds in a revolver for personal protection while hunting, however only five rounds in the same revolver if used for hunting. Fish and Game Enforcement division agreed with the change, and also the change in HB 342, which brought all firearms to the same level, six rounds. This bill makes for more uniformity in law. **Vote 17-3.**

Original: House Clerk

Cc: Committee Bill File

Voting Sheets



2021 SESSION

Fish and Game and Marine Resources

Bill #: HB192 Motion: OTP AM #: _____ Exec Session Date: 2/1/21

<u>Members</u>	<u>YEAS</u>	<u>Nays</u>	<u>NV</u>
Lang, Timothy P. Chairman	17		
Khan, Aboul B. Vice Chairman	1		
Klose, John F.		1	
Spillane, James A.	2		
Howard, Raymond J.	3		
Craig, Kevin B.	4		
Love, David C.	5		
Wolf, Dan H.		2	
Kittredge, Mac	6		
Dostie, Donald	7		
Smith, Jonathan H.	8		
Harvey, Cathryn A.	9		
Laflamme, Larry L.	10		
Dontonville, Roger W.	11		
King, Mark R.	12		
Read, Ellen D. Clerk	13		
Egan, Timothy T. Jack, Martin	14		
Ruprecht, Denny M.			1
Shurtleff, Steve J.	15		
Ellis, Donna R.		3	
Oxaal, Ariel	16		



1/22/2021 10:00:16 AM
Roll Call Committee Registers
Report

2021 SESSION

Fish and Game and Marine Resources

Bill #: HB192 Motion: OTP AM #: _____ Exec Session Date: 2/1/21

TOTAL VOTE:	17	3	1
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HOUSE COMMITTEE ON FISH AND GAME AND MARINE RESOURCES

EXECUTIVE SESSION on

BILL TITLE: HB192

DATE: 2/1/21

LOB ROOM: 210

MOTION: (Please check one box)

OTP ITL Retain (1st year) Adoption of
Amendment # _____
 Interim Study (2nd year) (*if offered*)

Moved by Rep. _____ Love _____ Seconded by Rep. _____ Smith _____ Vote: 17-3

MOTION: (Please check one box)

OTP OTP/A ITL Retain (1st year) Adoption of
Amendment # _____
 Interim Study (2nd year) (*if offered*)

Moved by Rep. _____ Seconded by Rep. _____ Vote: _____

MOTION: (Please check one box)

OTP OTP/A ITL Retain (1st year) Adoption of
Amendment # _____
 Interim Study (2nd year) (*if offered*)

Moved by Rep. _____ Seconded by Rep. _____ Vote: _____

MOTION: (Please check one box)

OTP OTP/A ITL Retain (1st year) Adoption of
Amendment # _____
 Interim Study (2nd year) (*if offered*)

Moved by Rep. _____ Seconded by Rep. _____ Vote: _____

CONSENT CALENDAR: X YES NO

Minority Report? Yes No If yes, author, Rep: _____ Motion _____

Respectfully submitted: Ellen Delana Read

Rep Ellen Read, Clerk

Public Hearing

House Remote Testify

Fish and Game and Marine Resources Committee Testify List for Bill HB192 on 2021-02-01

Support: 24 Oppose: 26 Neutral: 3 Total to Testify: 2

[Export to Excel](#)

<u>Name</u>	<u>City, State</u> <u>Email Address</u>	<u>Title</u>	<u>Representing</u>	<u>Position</u>	<u>Testifying</u>	<u>Non-Germane</u>	<u>Signed Up</u>
Macduff, William	macduff.will@gmail.com	A Member of the Public	Myself	Support	Yes (3m)	No	1/30/2021 8:30 PM
MacDonald, Representative John	johnmacdonald@leg.state.nh	An Elected Official	Myself	Support	Yes (0m)	No	1/27/2021 11:31 PM
Sanderson, Paul	paul.sanderson@wildlife.nh.gov	State Agency Staff	NH Fish and Game Department	Neutral	No	No	1/29/2021 1:11 PM
Umberger, Karen	karenumberger@gmail.com	An Elected Official	Myself	Support	No	No	1/23/2021 5:27 PM
Lekas, Tony	Rep.Tony.Lekas@gmail.com	An Elected Official	Myself	Support	No	No	1/24/2021 4:51 PM
Reid, Natalie	meatme@gapmountaingoats.com	A Member of the Public	Myself and my household	Oppose	No	No	1/30/2021 11:36 AM
Herrick, Liz	lherrick@outlook.com	A Member of the Public	Myself	Oppose	No	No	1/30/2021 3:37 PM
Hawkes, Lydia	lydiahawkes@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/30/2021 4:02 PM
Conroy, Rosemary	hello@rosemaryconroyart.com	A Member of the Public	Myself	Oppose	No	No	1/30/2021 5:33 PM
Richardson, Diane	Workingclasscanine@msn.com	A Member of the Public	Myself	Support	No	No	1/21/2021 1:58 PM
Arguien, Richard	arguien197@gmail.com	A Member of the Public	Myself	Support	No	No	1/22/2021 9:04 AM
Spillane, James	james@jamesspillane.org	An Elected Official	Rockingham 2	Support	No	No	1/25/2021 11:11 AM
Johnson, Gary	garyj1237@gmail.com	A Member of the Public	Myself	Support	No	No	1/25/2021 6:53 PM
McKeogh, Conor	mckeoghn054@gmail.com	A Member of the Public	Myself	Support	No	No	1/26/2021 8:19 AM
Deshaies, Brodie	brodieforNH@gmail.com	An Elected Official	Carroll 6, Wolfeboro	Support	No	No	1/26/2021 3:51 PM
Leone IV, Nicholas	nleone05@gmail.com	A Member of the Public	Myself	Support	No	No	1/27/2021 6:01 AM
Coder, William	wcoder@aol.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 9:50 AM
Reid, Karen	karenreidreiki@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 6:50 AM
Blanchard, Sandra	sandyblanchard3@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 6:52 AM

Miller, Virginia Lee	smsharps@comcast.net	A Member of the Public	Myself	Oppose	No	No	1/31/2021 8:10 AM
Wahl, BJ	bjwahl@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 10:37 AM
Freilich, Pam	pam@gmavt.net	A Member of the Public	Myself	Oppose	No	No	1/31/2021 12:16 PM
Switzer, Bob	macswitz@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 1:01 PM
Marino, Elizabeth	bethmarino@comcast.net	A Member of the Public	Myself	Oppose	No	No	1/31/2021 1:09 PM
Moore, Trois	mooretrois@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 4:40 PM
Snyder, Kristina	khsnyder22@yahoo.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 5:07 PM
Hurley, Margaret	mdaisshurley@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 5:50 PM
Hurley, John	jrhurjd@aol.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 5:57 PM
Moore, Thomas	Tomandasia@gmail.com	A Member of the Public	Myself	Support	No	No	1/31/2021 6:09 PM
Steadman, Kenton	Nox_86@yahoo.com	A Member of the Public	Myself	Support	No	No	1/31/2021 6:12 PM
Partridge, Timothy	evander920@gmail.com	A Member of the Public	Myself	Support	No	No	1/31/2021 6:13 PM
Authier, Chris	Chrisauthier91@yahoo.com	A Member of the Public	Myself	Support	No	No	1/31/2021 6:20 PM
Russo, David	davidcrusso@gmail.com	A Member of the Public	Myself	Support	No	No	1/31/2021 7:35 PM
Ploszaj, Tom	tom.ploszaj@leg.state.nh.us	An Elected Official	Myself	Support	No	No	1/31/2021 8:04 PM
Chouinard, Victor	vchouinard@gsinet.net	A Member of the Public	Myself	Oppose	No	No	1/31/2021 8:30 PM
Tate, Bill	wdtatenh@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 8:46 PM
Rauter, Linda	lcr80@tds.net	A Member of the Public	Myself	Oppose	No	No	1/31/2021 8:53 PM
Tate, joanna	joannatate112@gmail.com	A Member of the Public	Myself	Oppose	No	No	1/31/2021 9:39 PM
Ammon, Keith	keithammon@gmail.com	An Elected Official	Myself	Support	No	No	2/1/2021 12:09 AM
Rathbun, Eric	ericrathbun@gmail.com	A Member of the Public	Myself	Support	No	No	1/31/2021 10:05 PM
Kreis, Kenneth	kkreissr@gmail.com	A Member of the Public	Myself	Support	No	No	2/1/2021 7:43 AM
snyder, patricia	penguinbird2@hotmail.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 7:55 AM
snyder, john	penguinbird2@hotmail.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 8:09 AM
See, Alvin	absee@4Liberty.net	A Member of the Public	Myself	Support	No	No	2/1/2021 8:36 AM
Caplan, Elise	Elisegrila@gmail.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 8:49 AM
Glenn, Cynthia	cglenn410@gmail.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 8:53 AM

Wied, Alex	gencourt.nh@centromere.net	A Member of the Public	Myself	Support	No	No	2/1/2021 8:59 AM
Hoell, JR	jr@jrhoell.com	A Member of the Public	Myself and New Hampshire Firearms Coalition	Support	No	No	2/1/2021 9:29 AM
Patten, Betsey	betseypatten@gmail.com	A Member of the Public	Myself	Neutral	No	No	2/1/2021 9:35 AM
Hannon, Joe	joehannon4nh@gmail.com	A Member of the Public	Gun Owners Of New Hampshire	Support	No	No	2/1/2021 9:46 AM
O'Brien, Joan	joanlobrien@yahoo.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 9:49 AM
Egan, Timothy	timothytegan@gmail.com	An Elected Official	Myself	Neutral	No	No	2/1/2021 4:53 PM
Bruno, Darla	rockitgirly@aol.com	A Member of the Public	Myself	Oppose	No	No	2/1/2021 8:36 PM

HOUSE COMMITTEE ON FISH AND GAME AND MARINE RESOURCES

PUBLIC HEARING ON

BILL TITLE: HB192

DATE: 2/1/21

ROOM: LOB 210

Time Public Hearing Called to Order: 9:43

Time Adjourned: 10:00

(please **bold** if present)

Committee Members: Reps. Lang, Khan, Read, Klose, Spillane, Howard, Craig, Love, Wolf, Kittredge, Dostie, J. Smith, Harvey, Laflamme, Dontonville, M. King, Jack substituting for Egan, Ruprecht, Shurtleff, Ellis and Oxaal

Bill Sponsors:

TESTIMONY

* Use asterisk if written testimony and/or amendments are submitted.

*Rep John McDonald – Wolfeboro. Comes at the request of a constituent. Email sent to FG comparing firearms, reply tells constituent that change cannot be done in rules but must be in RSA. Emails and comparisons on how passing of bill would affect other RSAs is included.

Q Harvey – Did you say this is something cannot be changed in rules/ Why?

A Because it currently exists as RSA

Q Laflamme – Is it because hunting pistols are revolvers that there is the increase to 6 rounds, because most game arms have 5?

A Request of constituent

CHAIR – we will ask that of Col. Jordan

*William MacDuff – Hunter in Carroll county. Our belief is the current list of approved calibers needs to be improved. Current allowed firearms have more muzzle velocity than pistols. Requesting the change to 6 rounds because most revolvers have a capacity of 6. Believes these changes will be good for new generation.

*Col Jordan – To speak to 6 vs 5 rounds issue. Initially hesitant because municipalities may have their reasons. But agrees with list in bill. Concerned about legislation that confuses people and makes criminals out of people making mistakes. Worried about not having a consistent number. Asked sponsors to make consistent, so went with 6 for all firearms across the board. Simple and not confusing and not a resource issue. Commission does not oppose.

QChair – Could there be a problem when a hunter is carrying for personal safety?

A This would clear that up

QWolfe – Are we stepping on towns?

A Towns that had these restrictions were concerned about safety so we are hesitant to run over towns decisions. Having the Municipal Association review this would be good. But it doesn't have an effect on resource or humane take. We cannot speak for towns and we haven't had issues.

QWolfe – How many towns affected?

A Believe there are 5.

QWolfe – Have we heard from them?

A Not yet, no one has reached out.

Q Spillane – Ballistics on modern long guns in excess of pistols in bill, and if there were problems in these towns wouldn't they have already had issues because these rules were created a long time ago?

A Agrees, some are 1400-1500fps, not a safety issue.

Testimony

Hb192, 342, 241 Inbox x



Diane Richardson workingclasscanine@msn.com [via](mailto:workingclasscanine@msn.com) nhgeneralcourt.onmicrosoft.com
to HouseFishandGameCommittee@leg.state.nh.us ▾

Thu, Jan 28, 10:26 AM (3 days ago)



Dear committee

Please support and vote yes on bills

Hb192 pistols for deer hunting

Hb342 lever guns

Hb241 trout

As these are all common sense reasonable bills

Diane Richardson
Springfield

Archived: Thursday, April 15, 2021 1:09:43 PM

From: [William Macduff](#)

Sent: Sunday, January 31, 2021 9:25:53 PM

To: ~House Fish and Game Committee

Subject: HB192 - Macduff, William - Testimony

Importance: Normal

Attachments:

[Macduff_William_HB192_Testimony_01Feb2021.docx](#)  [Handgun Ballistics Chart - Gunners Den.pdf](#) 

Attached is my brief testimony as well as a data source for handgun cartridge ballistics.

Please let me know if I can help to find any more information that you may need.

Thank you for your time,

William Macduff
(603)833-1964

Archived: Thursday, April 15, 2021 1:09:43 PM
From: [Elliot Axelman](#)
Sent: Thursday, February 25, 2021 11:08:15 PM
To: [~House Fish and Game Committee](#)
Subject: Please support HB192
Importance: Normal

Dear Representatives,

My family and I would like you to please support HB192. This simple bill expands the list of handgun calibers that are currently legal for hunting deer to include modern large calibers like 50 AE. The current law seems outdated and only includes older handgun calibers such as 357 Magnum.

Hunters are fully capable and competent and should be trusted to determine the appropriate caliber for hunting. They have no interest in using ineffective ammunition; their goal is to take the animal quickly and painlessly with one shot without causing any suffering.

Thank you very much.

--

Elliot Axelman, FP-C
Editor-in-chief
[LibertyBlock.com](#)



New Hampshire Fish and Game Department

HEADQUARTERS: 11 Hazen Drive, Concord, NH 03301-6500
(603) 271-3421
FAX (603) 271-1438

www.WildNH.com
e-mail: info@wildlife.nh.gov
TDD Access: Relay NH 1-800-735-2964

**New Hampshire Fish and Game Department
Fish and Game and Marine Resources Committee
February 1, 2021**

**Testimony on HB 192, relative to pistols permitted for the taking of deer and
HB 342, relative to the taking of game by certain lever-action firearms**

We write to express the position of the New Hampshire Fish and Game Commission and the New Hampshire Fish and Game Department to express concern with the language of these bills as introduced, and work to clarify the provisions with the Committee.

HB 192 seeks to amend RSA 208:3-d in two ways. It adds additional models of pistols that may be used for the taking of deer in certain towns in the state that are listed in RSA 208:3-a through RSA 208:3-c. The Department has determined that for the purposes of our laws, the specific firearms listed are not of concern, as they are consistent in their capabilities with the currently allowed firearms.

The concern arises with the proposal to allow such firearms to be loaded with 6 rounds of ammunition, as opposed to the 5 rounds in the language of the current provision. Our desire is to avoid confusion for licensed hunters, whether resident or non-resident, as to the number of rounds that may be loaded into a firearm while hunting. If this provision is adopted as introduced, it becomes inconsistent with the 5 rounds allowed in rifles under RSA 207:3, II, and thus induces confusion.

For this reason, in the event the Committee determines that this change should be recommended, the Department respectfully suggests that the Committee make a decision as to whether RSA 208:3-d should read 5 rounds or 6 six rounds. The Department has no position on this decision.

We offer joint testimony here on HB 342, since the policy decision made in HB 192 impacts RSA 207:3. That bill proposes to add certain lever action carbines to the list of firearms approved for the taking of wildlife. As with the pistols noted in HB 192, the Department has determined that the specific firearms listed are not of concern under our laws, as they are consistent in their capabilities with the currently allowed firearms. The same concern arises for confusion, because RSA 207:3, II limits the rifles approved in RSA 207:3, I to 5 cartridges. One can imagine the confusion for a hunter who would be allowed to hunt with a pistol carrying 6 rounds, while on the same day also carrying a rifle limited to 5 cartridges.

For this reason, in the event the Committee determines that a change to allow lever-action carbines should be recommended, the Department respectfully suggests that the Committee also make a decision as to whether RSA 207:3, II should read 5 rounds or 6 six cartridges. The Department has no position on this decision.

REGION 1

629B Main Street
Lancaster, NH 03584-3612
(603) 788-3164
FAX (603) 788-4823
email: reg1@wildlife.nh.gov

REGION 2

PO Box 417
New Hampton, NH 03256
(603) 744-5470
FAX (603) 744-6302
email: reg2@wildlife.nh.gov

REGION 3

225 Main Street
Durham, NH 03824-4732
(603) 868-1095
FAX (603) 868-3305
email: reg3@wildlife.nh.gov

REGION 4

15 Ash Brook Court
Keene, NH 03431
(603) 352-9669
FAX (603) 352-8798
email: reg4@wildlife.nh.gov

In the interest of reducing confusion for hunters, we also recommend that RSA 207:3, I be amended to specifically refer to RSA 208:3 through 3-d so that the reader may quickly and accurately determine the "...area where hunting is limited to handgun or pistol,...".

In summary, in the event these two bills are to be recommended for passage, we request that the policy decision be made as to whether 5 rounds or cartridges, or 6 rounds or cartridges shall become the standard in these two statutes, and further that the sections affected by these two bills be reviewed together by the committee in an effort to maintain consistency and reduce confusion for hunters. We also note that the relevant statutes only apply in the municipalities named in RSA 208:3 through RSA 208:3-c. The Department has not notified those municipalities of the content of these bills, and takes no position as to the potential for impact upon those communities. This committee may wish to consider whether these proposals should be referred to the House Municipal and County Government committee for additional review and comment.

Respectfully submitted,

Paul G. Sanderson
NH Fish and Game Department
603-271-1136.

.35 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
380 Automatic	90	1000	846	200	143	12.1
38 Long Colt	158	650	606	148	129	30.4
9mm Luger	115	1155	971	341	241	9.0
9mm Luger	124	1110	971	339	259	9.8
9mm Luger	147	975	899	310	264	12.7
38 Special	110	1010	883	249	191	11.8
38 Special	124	900	817	225	185	14.9
38 Special	158	800	735	199	168	19.3
39 Super +P	125	1240	1043	427	302	7.5
38 Super +P	130	1215	1030	426	306	8.0
357 Magnum	125	1500	1153	624	298	4.7
357 Magnum	140	1350	1100	566	376	6.2
357 Magnum 158	158	1250	1073	548	404	7.5

The full chart is below.

The below handgun ballistics chart will give true caliber and diameter of handgun cartridge bullet weight measured in grains, velocity measured in feet per second, energy measured in foot pounds—which also is a good indicator of handgun stopping power, and bullet trajectory measured in inches for the more popular handgun cartridges, **(factory ammunition)**.

This handgun ballistics chart gives a good, reliable comparison of handgun cartridge ballistics. We have recently updated it to be more friendly on different size screens, and have added a search feature so you can more quickly find the calibers you're looking for. For example, if you type in 40 S&W, a few different options will show.

Same thing with all the other calibers. We plan to add to this ballistics chart as necessary.

Also, any links on any of the calibers themselves (inside the chart) should take you to a more in-depth summary of that caliber. This will be getting updated more as I have time. It's our goal to provide as much detail as possible.

The information in this chart itself is just meant to be used as a comparison.

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
.17 Caliber Handgun	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
17 Hornady Mag Rimfire	17	2040	1495	157	84	1.7
17 Hornady Mag Rimfire	20	1830	1342	149	80	2.7
.22 Caliber Handgun	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
22 Short	29	1010	857	66	47	12.5
22 Long Rifle	37	1085	923	97	70	10.6
22 Long Rifle	40	1060	918	100	75	10.9

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
.22 WMR	34	1690	1152	216	100	4.1
.22 WMR	40	1480	1071	195	102	5.7
.25 Caliber Handgun	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
.25 Automatic	35	900	742	63	43	15.1
.30 Caliber Handgun	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
30 Luger	93	1200	1021	297	215	8.2
7.62X25 Tokarev	85	1645	1307	511	322	3.5
30 Carbine	110	1790	1421	783	493	2.6
.31 Caliber Handgun	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
32 S&W	85	680	633	87	76	27.6
32 Short Colt	80	745	693	99	85	22.6
32 S&W Long	98	705	657	108	94	25.5
32 Automatic	60	1000	834	133	96	12.0
32 H&R	90	750	698	112	97	22.3
32-20 Winchester	115	800	742	163	141	19.3

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY FT	BULLET LB DROP 100 YDS
32 H&R Mag	85	1120	977	237	180	9.4
32 H&R Mag	95	1020	916	219	177	11.4
327 Federal Magnum	85	1400	1136	370	243	5.7
.35 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
380 Automatic	90	1000	846	200	143	12.1
38 Long Colt	158	650	606	148	129	30.4
9mm Luger	115	1155	971	341	241	9.0
9mm Luger	124	1110	971	339	259	9.8
9mm Luger	147	975	899	310	264	12.7
38 Special	110	1010	883	249	191	11.8
38 Special	124	900	817	225	185	14.9
38 Special	158	800	735	199	168	19.3
38 Super +P	125	1240	1043	427	302	7.5
38 Super +P	130	1215	1030	426	306	8.0
357 Magnum	125	1500	1153	624	298	4.7
357 Magnum	140	1350	1100	566	376	6.2
357 Magnum 158	158	1250	1073	548	404	7.5

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
357 SIG	124	1350	1108	502	338	6.2
357 SIG	147	1225	1072	490	375	7.8
.37 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
38-55 Winchester	255	1250	1049	885	623	7.5
.40 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
38-40 Winchester	180	800	742	256	220	19.3
40 S&W	155	1180	980	479	331	8.5
40 S&W	165	1175	937	506	308	8.5
40 S&W	180	950	862	361	297	13.3
10 MM Auto	155	1265	1020	551	358	7.3
10 MM Auto	180	1180	1004	556	403	8.5
10 MM Auto	200	1050	948	490	399	10.8
.41 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
41 Rem Mag	210	1300	1077	788	540	6.8
41 Rem Mag	250	1160	1000	747	555	8.8

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
.43 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
44 Russian	210	650	606	197	171	30.4
44 Colt	230	730	679	272	236	23.6
44-40 Winchster	200	800	742	284	245	19.3
44-40 Winchester	205	725	655	239	195	24.0
44 Special	180	1000	882	400	311	11.9
44 Rem Mag	180	1550	1173	960	550	4.2
44 Rem Mag	200	1500	1196	999	635	4.7
44 Rem Mag	225	1410	1111	993	617	5.6
44 Rem Mag	240	1350	1134	971	685	5.6
44 Rem Mag	300	1150	1031	881	708	8.9
.45 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
45 Auto	185	970	860	386	304	12.7
45 Auto	200	900	817	360	296	14.9
45 Auto	230	850	788	369	317	16.9
45 Auto +P	200	1055	926	494	380	10.7

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
45 Auto +P	230	950	872	461	385	13.3
45 GAP	185	1090	960	488	379	10.0
45 GAP	230	880	811	395	336	15.7
45 Schofield	180	730	679	213	185	23.6
45 Colt	255	725	651	298	240	24.0
45 Colt	225	960	841	460	354	13.0
410 Judge 3" 5-000 Buck	71	775	683	95	73	21.8
410 Judge 2.5" 4-000 Buck	71	850	743	114	87	17.9
45 Win Mag	260	1200	1021	831	602	8.2
454 Casull	240	1900	1478	1923	1163	2.0
454 Casull	300	1650	1348	1813	1210	3.5
460 S&W	200	2200	1715	2149	1305	0.9
.47 Caliber Handgun Ballistics	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
475 Linebaugh	400	1300	1084	1501	1043	6.8
480 Ruger	325	1350	1078	1315	839	6.2
480 Ruger	400	1100	971	1075	838	9.8

HANDGUN CARTRIDGE	BULLET WEIGHT	MUZZLE VELOCITY (FPS)	100 YD VELOCITY	MUZZLE ENERGY	100 YD ENERGY LB FT	BULLET DROP 100 YDS
.50 Caliber Handgun Ballistics						
	Bullet Weight	Muzzle Velocity (FPS)	100 YD Velocity	Muzzle Energy	100 YD Energy LB FT	Bullet Drop 100 YDS
50 Action Express	300	1475	1095	1449	799	4.9
500 S&W	300	1950	1598	2533	1700	1.8
500 S&W	350	1700	1289	2246	1291	3.1
500 S&W	500	1300	1087	1876	1310	6.8

If you see anything that looks off, please let us know. We do the best we can, but are obviously humans. Sometimes, believe it or not, I make typos as I sit down and spend hours upon hours entering information and numbers into the ballistics table.

Also, we're adding another feature in that the table shown is actually a scaled down version of the original chart. The chart was too massive and went off screen. I was actually getting dinged by the search engines for it, so we had to show this scaled down, yet still huge, ballistics chart.

I plan to add the ability to show you the original one in a PDF or download so you can see the entire thing. Stay tuned for that, but this stuff takes time. Since I'm a one man show, it takes a lot of it.

More Ballistics Charts:

[Rimfire Ballistics Chart](#)

[Centerfire Rifle Ballistics Chart](#)

You may also want to check out [Joe's Glock 48 Review](#).

Good Morning Mr. Chairman and members of the Fish and Game and Marine Resources Committee. It is an honor and pleasure to appear before you today. My name is Representative John T. MacDonald, I am from Carroll District 6, which consists of the community of Wolfeboro.

I am here to introduce to the Committee House Bill 192 which addresses the issue of Pistols permitted to take deer.

This Bill comes at the request of a constituent.

My constituent, sent an email to the New Hampshire Fish and Game:

From:

Sent: Thursday, October 10, 2019 9:18 PM

To: FGC: Comments <comments@wildlife.nh.gov>

Subject: Hunting whitetail deer with 45 ACP.

EXTERNAL: Do not open attachments or click on links unless you recognize and trust the sender.

Good evening, i sent this very same email back in April but never received a reply.

After hunting and shooting recreationally for close to a decade it has come to my attention that the pressure/fps comparison between 45acp and 45 Colt is almost negligible. In most cases 45 ACP is more powerful and has more knockdown power than many 45 Colt rounds. I am open to discussion on this topic and I can provide documentation showing my power comparison.

Thank you for your time,

From: **Bergeron, Daniel** <Daniel.Bergeron@wildlife.nh.gov>

Date: Fri, Nov 1, 2019, 9:57 AM

Subject: RE: Hunting whitetail deer with 45 ACP.

To: macduff.will@gmail.com <macduff.will@gmail.com>

Hello Mr. Macduff,

The regulations outlining what calibers can be used for deer hunting in towns with special rules is in state statute (i.e. state law), not in the Department's administrative rules. This means that to add new calibers, it would have to be done through the state legislature and can't be done by the Department. That said if a bill was proposed by the state legislature to add .45acp to the list of allowable calibers, I don't foresee the Department having any objections to that. I'm not sure why specific calibers were included or left out when the law was written other than they likely just included whatever the most popular hunting rounds were at the time.

I hope this information is helpful.

Regards,

Dan Bergeron
Game Programs Supervisor
New Hampshire Fish and Game Dept.

11 Hazen Drive
Concord, NH 03301
(603) 271-1126

Based on my Clients request to sponsor legislation concerning a change to the RSA I sent an email to NH Mr. Daniel Bergeron of the New Hampshire Fish and Game Department:

From: John MacDonald <John.MacDonald@leg.state.nh.us>
Date: November 5, 2020 at 10:54:22 PM EST
To: Daniel.Bergeron@wildlife.nh.gov
Cc: macduff.will@gmail.com
Subject: Proposed changes to RSA 208:3-d

Good day Mr. Bergeron,

I have constituents who are New Hampshire Sportsman. They are requesting that I introduce a Bill this upcoming legislation requesting additional caliber hand guns be added and to increase the number of rounds from 5 to 6, to the above RSA.

The caliber hand guns they would like to add to the RSA are the following;

1. .45 ACP
2. .45 Rowland
3. .45 Super
4. .50 AE
5. .357 Sig
6. .327 Federal Magnum
7. .480 Ruger
8. .400 Corbon

Mr. Macduff provided me with a copy of an email that he received from you stating that you didn't believe that your Department would have any objection to adding .45 ACP to the RSA. Would your Department have any objections to any of the additional calibers mentioned above or the change from 5 rounds to 6 rounds?

I would like to write the Bill in a manner which is acceptable to your Department and will ultimately receive support from your Department.

I look forward to your reply. If you have any questions please contact me.

Best regards,

John T. MacDonald
Representative
Carroll District 6

Unfortunately, I don't believe that I received a reply from Mr. Bergeron concerning my request.

Based on the information that I received from the Constituent HB 192 was written. The proposed legislation also included additional calibers and an increase in the number of chambered rounds.

The passing of this, Bill based on the information I could find, will have a direct effect on the following current RSA's

208:3-d Pistols Permitted. – Pistols permitted under RSA 208:3, 3-a, 3-b, and 3-c shall include a .357 Magnum, 10mm Automatic, .41 Remington, .44 Magnum, .45 Long Colt, .480 Ruger, and .50 Magnum, provided that a pistol used for taking deer under this section shall be loaded with no more than 5 rounds of ammunition at any time.

208:3 Taking; Mode. –

Wild deer shall not be taken by the use of a firearm, other than a pistol as permitted in RSA 208:3-d, a shotgun loaded with a single ball or loose buckshot, muzzle-loading rifle, bow and arrow, or crossbow as provided in RSA 208:7-a, in the towns of the following counties as follows:

I. Belknap County: Laconia; Meredith Neck-that part from the Meredith Center Harbor line to Pleasant Street south and east of state route 25.

II. Hillsborough County: Amherst; Bedford; Brookline; Goffstown; Hollis; Hudson; Litchfield; Manchester; Merrimack; Milford; Nashua; Pelham.

III. Merrimack County: Concord; Hooksett-that part lying from the town line of Allenstown, on the westerly side of U.S. No. 3, to a point where the old Portsmouth Railroad crosses said highway, thence south of said Railroad to the town line of Candia; Pembroke-that part lying southwesterly of the following line: Starting at the Concord town line at Red bridge on Rt. 106, south to Burrough Road, thence easterly on Burrough road to Fourth Range Road, thence southerly on Fourth Range road to Dudley Hill Road, south on Dudley Hill Road to Buck Street, northeast on Buck Street to Rt. 28, South on Rt. 28 to the Allenstown town line.

IV. Rockingham County: Atkinson; Brentwood; Danville; Derry; East Kingston; Exeter; Fremont; Hampstead; Hampton; Hampton Falls; Kensington; Kingston; Londonderry; New Castle; Newfields; Newmarket; Newton; North Hampton; Plaistow; Rye; Salem; Sandown; Seabrook; South Hampton; Windham.

V. Strafford County: Durham; Lee; Madbury; Dover; Rollinsford; Somersworth.

Source. 1935, 124:2. RL 242:4. 1943, 135:1. 1945, 31:1; 69:1. 1947, 32:1; 46:1; 101:1; 222:1. 1951, 109:1. RSA 208:3. 1961, 73:1. 1973, 31:1. 1975, 165:1. 1981, 3:1; 144:1. 1983, 1:2. 1987, 61:1. 1991, 41:1. 2001, 143:1. 2003, 35:2, eff. July 1, 2003.

Section 208:3-a

208:3-a Buckshot Prohibited. – Wild deer shall not be taken in the towns of Greenland, Newington and Stratham and the city of Portsmouth by use of a firearm, other than a pistol as permitted in RSA 208:3-d, a shotgun loaded with a single ball, a muzzle-loading rifle, bow and arrow, or crossbow as provided in RSA 208:7-a.

Source. 1973, 31:2. 1975, 82:1. 1977, 19:1. 1983, 1:1. 2001, 143:2. 2003, 35:2, eff. July 1, 2003.

Section 208:3-b

208:3-b Town of Chester; Taking of Deer. – Wild deer shall not be taken in the town of Chester by use of a firearm other than a pistol as permitted in RSA 208:3-d, a shotgun loaded with a single ball, muzzle-loaders as provided in RSA 208:5-a, bow and arrow, or crossbow as provided in RSA 208:7-a.

Source. 1977, 19:2. 2001, 143:2. 2003, 35:2, eff. July 1, 2003.

Section 208:3-c

208:3-c Town of Auburn. – Wild deer shall not be taken in the town of Auburn except by the use of a pistol as permitted in RSA 208:3-d, a shotgun loaded with a single ball, a muzzle-loading rifle, a bow and arrow, or crossbow as provided in RSA 208:7-a.

Source. 1977, 21:1. 2001, 143:2. 2003, 35:2, eff. July 1, 2003.

In conclusion, I would like to thank the Committee for the opportunity to present this Bill today.

supports & opposes

Inbox x



Alexandra Moffat samoffat28@gmail.com [via](#) nhgeneralcourt.onmicrosoft.com
to HouseFishandGameCommittee ▾

Sat, Jan 30, 3:50 PM (1 day ago)



A big YES to HB 118 & 529. Special strong support for Silane, Read & Howard amendment

NO NO NO to HB 192

241, 342, 490

Way past time to support wild life, to conserve, preserve. Global heating may doom many species so we MUST save what we have, humanely, wisely, ethically.

Alexandra Moffat 77 Upper Stonehouse Mt Rd Orford NH 03777

Archived: Friday, July 16, 2021 11:28:10 AM
From: [Elise Caplan](#)
Sent: Monday, February 1, 2021 9:04:17 AM
To: [~House Fish and Game Committee](#)
Subject: Opposing HB 192- public - Elise Caplan
Importance: Normal

All,

Pistol shooting deer and hunting altogether I vehemently oppose. I believe hunters and their beliefs do not outweigh the population opposed.

Hunting might have been necessary for human survival in prehistoric times, but today most hunters stalk and kill animals merely for the thrill of it, not out of necessity. This unnecessary, violent form of “entertainment” rips animal families apart and leaves countless animals orphaned or badly injured when hunters miss their targets.

A British study of deer hunting found that 11 percent of deer killed by hunters died only after being shot two or more times and that some wounded deer suffered for more than 15 minutes before dying.

Hunting also disrupts migration and hibernation patterns and destroys families. For animals such as wolves and geese, who mate for life and live in close-knit family units, hunting can devastate entire communities.

The fear and the inescapable, earsplitting noises from the gunfire and other commotion that hunters create cause hunted animals to suffer tremendous stress. This severely compromises their routine and their eating habits, making it hard for them to store the fat and energy that they need to survive the winter. Loud noises can also disrupt mating rituals and can cause parent animals to flee their dens and nests, leaving their young vulnerable to natural predators.

Contrary to what hunters often say in defense of their cruel pastime, hunting has nothing to do with “conservation” or “population control.” In fact, animals are often specially bred and raised for hunters to kill.

If left unaltered by humans, the delicate balance of nature’s ecosystems ensures the survival of most species. Natural predators help maintain this balance by killing only the sickest and weakest individuals.

Even when unusual natural occurrences cause overpopulation, natural processes work to stabilize the group. Starvation and disease are tragic, but they are nature’s way of ensuring that healthy, strong animals survive and maintain the strength of their herd or group. After hunters kill the largest members of a population, the offspring of weak adults

have difficulty finding food and gaining the strength needed to survive extreme weather; therefore, hunting can actually cause starvation rather than prevent it.

I used material from several writings and some in my own words. Thank you for your attention to this grave and critical matter.

Elise Caplan

Archived: Friday, July 16, 2021 11:28:10 AM
From: [Alexandra Moffat](#)
Sent: Saturday, January 30, 2021 3:50:26 PM
To: ~House Fish and Game Committee
Subject: supports & opposes
Importance: Normal

A big YES to HB 118 & 529. Special strong support for Silane, Read & Howard amendment

NO NO NO to HB 192

241, 342, 490

Way past time to support wild life, to conserve, preserve. Global heating may doom many species so we MUST save what we have, humanely, wisely, ethically.

Alexandra Moffat 77 Upper Stonehouse Mt Rd Orford NH 03777

Archived: Friday, July 16, 2021 11:28:10 AM
From: [Diane Richardson](#)
Sent: Thursday, January 28, 2021 10:26:32 AM
To: ~House Fish and Game Committee
Subject: Hb192, 342, 241
Importance: Normal

Dear committee
Please support and vote yes on bills
Hb192 pistols for deer hunting
Hb342 lever guns
Hb241 trout

As these are all common sense reasonable bills

Diane Richardson
Springfield

Archived: Friday, July 16, 2021 11:28:10 AM
From: dogsngkat@metrocast.net
Sent: Monday, January 25, 2021 6:54:29 AM
To: ~House Environment and Agriculture Committee
Subject: HB 532 HB 438
Importance: Normal

I strongly oppose these bills as they infringe on my civil rights.

Lori Gale
192 Parade Road
Meredith, NH 03253

dogsngkat@metrocast.net

603-520-0243

Bill as
Introduced

HB 192 - AS INTRODUCED

2021 SESSION

21-0352
04/10

HOUSE BILL **192**

AN ACT relative to pistols permitted for the taking of deer.

SPONSORS: Rep. J. MacDonald, Carr. 6; Rep. Crawford, Carr. 4; Rep. Avellani, Carr. 5; Rep. Umberger, Carr. 2;
Rep. Deshaies, Carr. 6

COMMITTEE: Fish and Game and Marine Resources

ANALYSIS

This bill adds additional pistols permitted for the taking of deer.

Explanation: Matter added to current law appears in **bold italics**.
Matter removed from current law appears [~~in brackets and struck through~~]
Matter which is either (a) all new or (b) repealed and reenacted appears in regular type.

21-0352
04/10

STATE OF NEW HAMPSHIRE

In the Year of Our Lord Two Thousand Twenty One

AN ACT relative to pistols permitted for the taking of deer.

Be it Enacted by the Senate and House of Representatives in General Court convened:

- 1 Deer; Pistols Permitted. Amend RSA 208:3-d to read as follows:
208:3-d Pistols Permitted. Pistols permitted under RSA 208:3, 3-a, 3-b, and 3-c shall include a .357 Magnum, 10mm Automatic, .41 Remington, .44 Magnum, .45 Long Colt, .480 Ruger, [~~and~~] .50 Magnum, **.45 ACP (Automatic Colt Pistol), .460 Rowland, .45 Super, .50 AE (Action Express), .357 SIG Sauer, .327 Federal Magnum, and .400 Corbon**, provided that a pistol used for taking deer under this section shall be loaded with no more than [5] **6** rounds of ammunition at any time.
- 2 Effective Date. This act shall take effect 60 days after its passage.