# .410 BORE SHOTSHELL PERFORMANCE DATA

| ***Manufacturer/Brand Product No.*** | **Shotshell Length** | **Payload (shot size)** | **Muzzle Velocity** | **Standard Deviation** | **Muzzle Energy** | **Penetration In Water** | **Pattern Size @ 7 yds.** |
|---|---|---|---|---|---|---|---|
| Federal Premium PD PD4122JGE-000 | 2.5 in. | (4) 000 Buckshot | 1205 fps | 26 fps | 902 ft.-lbs. | 35 in. | 3 x 3.5 in. |
| Winchester Super X B41000 | 2.5 in. | (3) 000 Buckshot | 1144 fps | 19 fps | 610 ft.-lbs. | 36 in. | 3 x 3 in. |
| Winchester Supr. Elite PDX1 S410PDX1 | 2.5 in. | 12 BBs, 3 Discs | 1171 fps | 28 fps | 928 ft.-lbs. | 24 in. Pellet, 18 in. Disk | 7 x 3 in. |
| Golden Bear AG41B5 Magnum | 3 in. | (5) #4 Shot | 1372 fps | 34 fps | 417 ft.-lbs. | 30 in. | 3.5 x 2 in. |
| Winchester Super-X XB413 | 3 in. | (5) 000 Buckshot | 1130 fps | 14 fps | 992 ft.-lbs. | 36 in. | 3 x 2 in. |
| Winchester Super-X Slug X413RS5 | 3-in. | (1) .25-oz. Rifled Slug | 1955 fps | 22 fps | 993 ft.-lbs. | 12 in. | 1 in. @ 15 yds. (3 shots) |

***Notes:*** *Velocity and standard deviation readings were obtained by firing ten-shot strings over a Competition Electronics Pro Chrony Chronograph @ 10 feet. Ambient temperature: 99 degrees. Elevation: 815 feet above sea level. ● Patterns were obtained by firing at 7 yards. ● A three-shot slug group was fired for accuracy at 15 yards. ● Retained weight is only applicable to the slug. None of the other projectiles, including the PDX, lost any weight. The slug was recovered with about 95% of its weight retained. ● We performed penetration tests using the Estate Cartridge High Velocity Hunting Load HV4103 as an example of birdshot's poor performance for self defense, and did not compile other data on the load. ● Our test gun was a Mossberg Model 505 No. 57120 .410-bore Youth Pump Action.*