**Table 10. Cardiac Output (L/h/kg Body Weight) in Chickens**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Production Class** | **Mean** | **SD** | **Number** | | **Reference** |
| **Animals** | **Studies** |
| All | 9.88 | 2.07 | 320 | 17 | 1-17 |
| Broilers | 10.6 | 1.95 | 115 | 9 | 2, 5, 6-8, 11, 12, 14, 17 |
| Laying Species\* | 9.44 | 2.13 | 205 | 8 | 1, 3, 4, 9, 10, 13, 15, 16 |
| Laying Hens | 9.39 | 1.81 | 127 | 6 | 4, 9, 10, 13, 16 |

1. Sturkie and Eiel (1966), 2. Wideman et al.1999, 3. Merrill et al. (1981), 4. Sapirstein and Hartman (1959), 5. Wideman et al.2000, 6. Wideman et al.1999b, 7. Wideman et al.1999c, 8. R. Wideman and Erf (2002), 9. Boelkins, Mueller, and Hall (1973), 10. Sturkie (1967), 11. R. F. Wideman et al. (2001), 12. Stebel and Wideman (2008), 13. Vogel and Sturkie (1963), 14. R. F. Wideman, Chapman, and Erf (2005), 15. Niezgoda et al. (1982), 16. Moynihan and Edwards (1975), 17. Chapman and Wideman (2002)

\* Laying Species is the combination of all male White Leghorn chickens and laying hens.

**Table 11. Cardiac Output (L/h/kg Body Weight) in Turkeys**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Mean** | **SD** | **Number** | | **Range** | **Reference** |
| **Animals** | **Studies** |
| 6.87 | 2.12 | 40 | 2 | 4.87-11.6 | 1, 2 |

1. Boulianne, Hunter, Physick-Sheard, Viel, and Julian (1993), 2. Romvari et al. (2004)