

| DESCRIPTION | TOTAL SAMPLE POPULATION | ESTIMATED RESPONSE RATE ¹ | ESTIMATED NUMBER OF RESPONDENTS | TOTAL ANNUAL NON RESPONDENTS | NUMBER OF RESPONSES PER RESPONDENT | TOTAL ANNUAL RESPONSES | TOTAL ANNUAL NON-RESPONSES | HOURS PER RESPONSE ² | TOTAL HOURS FOR RESPONDENTS | TOTAL HOURS NON RESPONDENTS ³ |
|---|-------------------------|--------------------------------------|---------------------------------|------------------------------|------------------------------------|------------------------|----------------------------|---------------------------------|-----------------------------|--|
| VS Form 21-320 - NAHMS Bison 2022 Study Survey | 2,000 | 42.5% | 850 | 1,150 | 1 | 850 | 1,150 | 1.120 | 952 | 520 |
| VS Form 21-321 - NAHMS Bison 2022 Producer Informed Consent Form | 850 | 55.0% | 468 | 383 | 1 | 468 | 383 | 0.170 | 79 | 26 |
| VS Form 21-322 - NAHMS Bison 2022 Enteric Microbe Collection Record | 468 | 47.5% | 222 | 245 | 1 | 222 | 245 | 2.500 | 555 | 8 |
| VS Form 21-323 - NAHMS Bison 2022 Pre-Deworming Fecal Parasite Kit A Collection Record | 468 | 56.3% | 263 | 205 | 1 | 263 | 205 | 2.500 | 657 | 7 |
| VS Form 21-324 - NAHMS Bison 2022 Post-Deworming Fecal Parasite Kit B Collection Record | 263 | 50.0% | 131 | 131 | 1 | 131 | 131 | 3.000 | 394 | 4 |
| VS Form 21-325 - NAHMS Bison 2022 Forage Collection Record | 468 | 45.0% | 210 | 257 | 1 | 210 | 257 | 2.000 | 421 | 8 |
| VS Form 21-326 - NAHMS Bison 2022 Producer Evaluation | 2,000 | 42.5% | 850 | 1,150 | 1 | 850 | 1,150 | 0.083 | 71 | 38 |

Last updated: 1/12/2022
NOTE: Actual number of hours may vary due to rounding

| Estimated overall burden | |
|--|-------|
| Estimated Annual Number of Respondents/Subjects | 2,000 |
| Estimated Annual Number of Responses | 2,994 |
| Estimated Annual Number of Responses Per Subject | 1.5 |
| Estimated Total Annual Burden | 3,741 |

| Estimated response averages by participant type (in hours) | |
|---|-----------------------------|
| Type of participant | Response average (in hours) |
| Nonrespondent (that reads the promotional materials) ⁴ | 0.64 |
| Full Phase I respondent, Phase II nonrespondent (does not consent to biologics) ⁵ | 1.27 |
| Full Phase I respondent, Phase II nonrespondent (initially consents to biologics but declines after receiving the biologics forms) ⁶ | 1.51 |
| Full Phase I respondent, Full Phase II respondent ⁷ | 11.37 |

1 See OMB Part B Appendix B for estimated response rates using data from previous NAHMS studies. The NAHMS Bison 2022 Producer Evaluation survey will be sent in the survey packet with the NAHMS Bison 2022 Study Survey, and the maximum number of respondents will be equal to the number of respondents to the NAHMS Bison 2022 Study Survey.

2 See OMB Part B Appendix C for estimated burden using data from previous NAHMS studies. The respondent burden estimate for VS Form 21-320 (NAHMS Bison 2022 Study Survey) includes time to complete the questionnaire itself (0.67 hours) plus the time to review the study launch sheet, field flyer, presurvey letter, the biologics testing/timeline sheet, and the reminder card (0.17, 0.083, 0.083, 0.083, and 0.033 hours respectively)

3 The non-response burden estimate for VS Form 21-320 (NAHMS Bison 2022 Study Survey) includes time to review the questionnaire itself (0.083 hours) plus the time to review the pre-survey letter (0.083 hours), the field flyer (0.083 hours), biologics testing/timeline sheet (0.083 hours), study launch sheet (0.17 hours), and reminder card (0.033 hours). The burden estimate for VS Form 21-321 - NAHMS Bison 2022 Producer Informed Consent Form is 4 minutes (0.067 hours). For all other forms, NAHMS estimates that it takes each non-respondent 2 minutes (0.033 hours) to decide not to participate.

4 Calculation: Nonrespondent time for VS Form 21-320 (NAHMS Bison 2022 Study Survey) of 0.083 hours, plus 0.033 hours nonrespondent time for VS Form 21-326 (NAHMS Bison 2022 Producer Evaluation), plus 0.067 hours for VS Form 21-321 - NAHMS Bison 2022 Producer Informed Consent Form , plus 0.17 hours to read the study launch sheet, plus 0.083 hours to read each of the presurvey letter, field flyer, and the biologics testing/timeline sheet; and 0.033 hours for the reminder card.

5 Calculation: Respondent time for VS Form 21-320 (NAHMS Bison 2022 Study Survey) plus 0.067 hours (nonrespondent time) for VS Form 21-321 - NAHMS Bison 2022 Producer Informed Consent Form, plus 0.083 hours (respondent time) for VS Form 21-326 - Producer Evaluation

6 Calculation: Respondent time for VS Form 21-320 (NAHMS Bison 2022 Study Survey) plus 0.17 hours (respondent time) for VS Form 21-321 - NAHMS Bison 2022 Producer Informed Consent Form, plus 0.033 hours (nonrespondent time) for each of the four biologics forms, plus 0.083 hours (respondent time) for VS Form 21-326 - Producer Evaluation

7 Calculation: Sum of the "Hours per response" column for all forms listed