SUPPLEMENTARY FILE

Supplementary Tables with state-wise Prevalence (%) of Major Non-Communicable Diseases and Sociodemographic Characteristics among Women (15-49 years), NFHS-5 (2019-21)

Supplementary Table 1: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Arunachal Pradesh

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
| | Diabetes | Thyroid | Asthma | Heart | |
| | % (n) | % (n) | % (n) | % (n) | |
| Age group (years) | | | | | |
| 15-19 yrs | 1.1 (34) | 0.3 (12) | 0.5 (18) | 0.3 (8) | 3,098 |
| 20-29 yrs | 1.1 (73) | 0.5 (34) | 0.7 (43) | 0.5 (29) | 6,314 |
| 30-39 yrs | 2.0 (111) | 0.7 (41) | 0.7 (40) | 0.6 (36) | 5,535 |
| 40-49 yrs | 2.9 (146) | 0.8 (45) | 1.0 (50) | 0.8 (39) | 4,818 |
| Wealth Index | | | | | |
| Poorest | 1.6 (54) | 0.3 (10) | 0.8 (26) | 0.6 (21) | 3,314 |
| Poorer | 1.7 (67) | 0.4 (17) | 0.5 (21) | 0.4 (15) | 3,858 |
| Middle | 1.4 (55) | 0.5 (21) | 0.7 (30) | 0.5 (22) | 3,974 |
| Richer | 1.9 (79) | 0.9 (42) | 0.6 (30) | 0.6 (28) | 4,213 |
| Richest | 2.4 (109) | 0.9 (42) | 0.9 (44) | 0.6 (26) | 4,406 |
| Marital Status | | | | | |
| Never married | 0.9 (53) | 0.3 (21) | 0.5 (30) | 0.3 (15) | 5,626 |
| Currently married | 2.1 (286) | 0.7 (108) | 0.8 (116) | 0.6 (92) | 13,442 |
| Others (widowed/divorced/separated) | 3.6 (25) | 0.5 (3) | 0.6 (5) | 0.8 (5) | 697 |
| Place of Residence | | | | | |
| Urban | 2.2 (93) | 1.3 (54) | 1.3 (53) | 0.8 (32) | 4,211 |
| Rural | 1.7 (271) | 0.5 (78) | 0.6 (98) | 0.5 (80) | 15,554 |
| Total | 1.8 (364) | 0.6 (132) | 0.7 (151) | 0.5 (112) | 19,765 |

Supplementary Table 1 presents the prevalence of major NCDs among women aged 15-49 years in Arunachal Pradesh (NFHS-5, 2019-21). Overall prevalence was 1.8% for diabetes, 0.6% for thyroid disorder, 0.7% for asthma, and 0.5% for heart disease (p<0.001). Prevalence of diabetes increased with age from 1.1% (15-19 yrs) to 2.9% (40-49 yrs), and heart disease from 0.3% to 0.8% (p<0.001). Women from richer and richest households reported higher diabetes (1.9-2.4%) and thyroid disorder (0.9%) rates (p<0.05). Currently married women showed higher prevalence (2.1% diabetes; 0.7% thyroid) compared to never married (0.9%; 0.3%) and widowed/divorced/separated (3.6%; 0.5%) (p<0.01). Urban women had slightly higher thyroid (1.3%) and asthma (1.3%) prevalence than rural women (0.5% and 0.6%) (p<0.05).

Supplementary table 2: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Assam

| Characteristics | Yes, Diabetes % (n) | Yes, Thyroid % (n) | Yes, Asthma % (n) | Yes, Heart % (n) | Total (N) | |
|-------------------------------------|---------------------------|--------------------------|-------------------------|------------------------|-----------|--|
| Age group (years) | | | | | | |
| 15-19 yrs | 0.5 (27) | 0.9 (51) | 1.0 (55) | 0.4 (22) | 5,611 | |
| 20-29 yrs | 0.9 (101) | 1.8 (216) | 1.2 (139) | 0.8 (87) | 11,703 | |
| 30-39 yrs | 1.8 (181) | 2.6 (282) | 1.7 (171) | 1.4 (143) | 9,907 | |
| 40-49 yrs | 4.4 (356) | 2.9 (253) | 2.2 (174) | 1.9 (150) | 7,758 | |
| Wealth Index | | | | | | |
| Poorest | 1.6 (107) | 1.4 (92) | 1.7 (111) | 1.1 (75) | 6,596 | |
| Poorer | 1.5 (109) | 1.5 (108) | 1.6 (117) | 1.1 (79) | 7,154 | |
| Middle | 1.7 (125) | 1.7 (128) | 1.4 (101) | 1.2 (88) | 7,347 | |
| Richer | 1.8 (133) | 2.3 (171) | 1.4 (106) | 1.2 (87) | 7,314 | |
| Richest | 2.9 (191) | 4.2 (303) | 1.5 (104) | 1.1 (73) | 6,568 | |
| Marital Status | | | | | | |
| Never married | 0.5 (41) | 1.4 (113) | 1.1 (80) | 0.4 (29) | 7,764 | |
| Currently married | 2.2 (577) | 2.4 (658) | 1.7 (430) | 1.3 (344) | 25,715 | |
| Others (widowed/divorced/separated) | 3.1 (47) | 1.8 (31) | 1.9 (29) | 2.0 (29) | 1,500 | |
| Place of Residence | | | | | | |
| Urban | 2.4 (103) | 4.8 (204) | 1.7 (72) | 1.2 (53) | 4,291 | |
| Rural | 1.8 (562) | 1.9 (598) | 1.5 (467) | 1.1 (349) | 30,688 | |
| Total | 1.9 (665) | 2.1 (802) | 1.5 (539) | 1.1 (402) | 34,979 | |

Supplementary Table 2 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Assam (NFHS-5, 2019-21). Overall prevalence was 1.9% for diabetes, 2.1% for thyroid disorder, 1.5% for asthma, and 1.1% for heart disease (p<0.001). The prevalence of diabetes rose sharply with age, from 0.5% (15-19 yrs) to 4.4% (40-49 yrs), and heart disease increased from 0.4% to 1.9%, indicating strong age-related effects (p<0.001). Thyroid disorder peaked among women aged 30-49 years (2.6-2.9%), while asthma showed a gradual increase with age (p<0.01). By wealth index, both diabetes and thyroid disorder were more common among richer and richest households (1.8-2.9% and 2.3-4.2%, respectively) (p<0.05). Currently married women reported higher prevalence of diabetes (2.2%) and thyroid disorder (2.4%) compared to never married (0.5%; 1.4%) and widowed/divorced/separated (3.1%; 1.8%) groups (p<0.01). In terms of residence, urban women had higher thyroid disorder (4.8%) and diabetes (2.4%) compared to rural women (1.9% and 1.8%, respectively) (p<0.05).

Supplementary table 3: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Manipur

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|----------|-----------|----------|----------|-----------|
| | Diabetes | Thyroid | Asthma | Heart | |
| | % (n) | % (n) | % (n) | % (n) | |
| Age group (years) | | | | | |
| 15-19 yrs | 0.0 (0) | 1.7 (19) | 0.7 (7) | 0.6 (7) | 1,125 |
| 20-29 yrs | 0.1 (3) | 1.9 (47) | 1.1 (28) | 0.6 (17) | 2,504 |
| 30-39 yrs | 0.9 (22) | 2.7 (67) | 0.9 (25) | 1.4 (34) | 2,481 |
| 40-49 yrs | 2.8 (59) | 3.7 (75) | 1.3 (30) | 1.8 (35) | 1,932 |
| Wealth Index | | | 1 | | |
| Poorest | 1.2 (25) | 2.1 (44) | 0.9 (20) | 1.2 (26) | 2,160 |
| Poorer | 0.5 (11) | 2.0 (37) | 1.0 (18) | 1.1 (22) | 1,793 |
| Middle | 0.7 (13) | 3.0 (46) | 1.4 (23) | 1.2 (18) | 1,524 |
| Richer | 1.2 (16) | 2.8 (41) | 0.8 (13) | 1.5 (22) | 1,440 |
| Richest | 1.6 (19) | 3.6 (40) | 1.1 (16) | 0.4 (5) | 1,125 |
| Marital Status | | | | | |
| Never married | 0.2 (7) | 1.7 (37) | 0.8 (21) | 0.7 (15) | 2,332 |
| Currently married | 1.2 (67) | 2.9 (156) | 1.1 (64) | 1.4 (75) | 5,264 |
| Others (widowed/divorced/separated) | 2.2 (10) | 3.3 (15) | 1.2 (5) | 0.7 (3) | 446 |
| Place of Residence | | • | • | · | |
| Urban | 1.5 (34) | 2.8 (62) | 1.7 (37) | 1.3 (30) | 2,223 |
| Rural | 0.9 (50) | 2.5 (146) | 0.9 (53) | 1.1 (63) | 5,819 |
| Total | 1.0 (84) | 2.6 (208) | 1.0 (90) | 1.1 (93) | 8,042 |

Supplementary Table 3 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Manipur (NFHS-5, 2019-21). Overall prevalence was 1.0% for diabetes, 2.6% for thyroid disorder, 1.0% for asthma, and 1.1% for heart disease (p<0.001). Prevalence of diabetes, heart disease, and thyroid disorder increased with age, being highest among women aged 40-49 years (2.8%, 1.8%, and 3.7%, respectively) (p<0.001). By wealth index, thyroid disorder was most common among the richest (3.6%) groups, while diabetes ranged between 0.5-1.6% across wealth quintiles (p<0.05). Currently married women had higher prevalence of all NCDs 1.2% (diabetes), 2.9% (thyroid), 1.1% (asthma), and 1.4% (heart disease) compared to never married women (0.2%; 1.7%; 0.8%; 0.7%, respectively) (p<0.01). Urban women showed slightly higher rates of thyroid disorder (2.8%), asthma (1.7%), and heart disease (1.3%) than rural women (2.5%; 0.9%; 1.1%) (p<0.05).

Supplementary table 4: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Meghalaya

| Characteristics | Yes, Diabetes % (n) | Yes, Thyroid % (n) | Yes, Asthma % (n) | Yes, Heart % (n) | Total (N) |
|-------------------------------------|---------------------------|--------------------------|-------------------------|------------------------|-----------|
| Age group (years) | | | | | |
| 15-19 yrs | 1.0 (25) | 0.6 (16) | 2.2 (60) | 0.6 (16) | 2,546 |
| 20-29 yrs | 1.5 (65) | 1.1 (52) | 2.5 (117) | 0.8 (39) | 4,560 |
| 30-39 yrs | 2.3 (87) | 1.8 (71) | 3.0 (112) | 1.0 (37) | 3,621 |
| 40-49 yrs | 4.3 (103) | 2.1 (55) | 3.3 (77) | 1.4 (32) | 2,362 |
| Wealth Index | | | | | |
| Poorest | 1.2 (31) | 1.2 (33) | 4.0 (111) | 0.9 (25) | 2,677 |
| Poorer | 1.7 (48) | 1.1 (32) | 3.0 (88) | 0.7 (20) | 2,782 |
| Middle | 1.9 (52) | 1.3 (36) | 2.5 (68) | 1.2 (30) | 2,686 |
| Richer | 2.8 (74) | 1.1 (32) | 1.8 (51) | 0.8 (22) | 2,762 |
| Richest | 3.6 (75) | 2.5 (61) | 2.1 (48) | 1.2 (27) | 2,182 |
| Marital Status | | | | | |
| Never married | 1.2 (43) | 0.9 (38) | 2.5 (99) | 0.8 (35) | 3,939 |
| Currently married | 2.6 (219) | 1.5 (136) | 2.7 (227) | 0.9 (78) | 8,182 |
| Others (widowed/divorced/separated) | 1.9 (18) | 2.1 (20) | 4.3 (40) | 1.2 (11) | 968 |
| Place of Residence | | | | | |
| Urban | 2.3 (37) | 3.1 (49) | 3.8 (60) | 1.3 (20) | 1,598 |
| Rural | 2.1 (243) | 1.3 (145) | 2.7 (306) | 0.9 (104) | 11,491 |
| Total | 2.1 (280) | 1.4 (194) | 2.7 (366) | 0.9 (124) | 13,089 |

Supplementary Table 4 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Meghalaya (NFHS-5, 2019-21). Overall prevalence was 2.1% for diabetes, 1.4% for thyroid disorder, 2.7% for asthma, and 0.9% for heart disease (p<0.001). Prevalence of diabetes, thyroid disorder, and asthma was highest among women aged 40-49 years (4.3%, 2.1%, and 3.3%, respectively) (p<0.001). By wealth index, diabetes and thyroid disorder were more common among richer and richest women (2.8-3.6% and 1.1-2.5%, respectively), while asthma was most prevalent among the poorest group (4.0%) (p<0.01). Regarding marital status, currently married women had higher prevalence of diabetes (2.6%) and asthma (2.7%), whereas widowed/divorced/separated women showed higher rates of asthma (4.3%) and thyroid disorder (2.1%) (p<0.05). By place of residence, urban women exhibited higher thyroid disorder (3.1%) and asthma (3.8%) prevalence compared to rural women (1.3% and 2.7%, respectively) (p<0.05). Supplementary Table 4 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Meghalaya (NFHS-5, 2019-21). Overall prevalence was 2.1% for diabetes, 1.4% for thyroid disorder, 2.7% for asthma, and 0.9% for heart disease. Prevalence of diabetes, thyroid disorder, Asthma was highest among 40-49 yrs i.e.4.3% ,2.1% and 3.3% respectively. By wealth index, diabetes and thyroid disorder were more common among richer and richest women (2.8-3.6% and 1.1-2.5%, respectively), while asthma was highest among poorest women (4.0%), Regarding marital status, currently married women had higher prevalence of diabetes (2.6%) and asthma (2.7%), whereas widowed/divorced/separated women showed higher asthma (4.3%) and thyroid disorder (2.1%) rates. By place of residence, urban women exhibited higher thyroid disorder (3.1%) and asthma (3.8%) prevalence than rural women i.e.1.3%; 2.7%, respectively

Supplementary table 5: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Mizoram

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|----------|----------|-----------|-----------|-----------|
| | Diabetes | Thyroid | Asthma | Heart | |
| | % (n) | % (n) | % (n) | % (n) | |
| Age group (years) | | | | | |
| 15-19 yrs | 0.6 (5) | 0.7 (6) | 2.3 (27) | 0.6 (9) | 961 |
| 20-29 yrs | 0.4 (8) | 0.4 (9) | 2.8 (63) | 1.6 (36) | 2,251 |
| 30-39 yrs | 0.9 (20) | 0.6 (17) | 3.2 (83) | 1.8 (46) | 2,271 |
| 40-49 yrs | 2.6 (54) | 1.4 (26) | 3.9 (75) | 2.1 (39) | 1,796 |
| Wealth Index | | | | | |
| Poorest | 0.8 (14) | 0.5 (9) | 3.0 (56) | 1.6 (30) | 1,816 |
| Poorer | 1.0 (20) | 0.5 (9) | 3.0 (54) | 1.5 (28) | 1,733 |
| Middle | 1.7 (29) | 0.6 (10) | 2.6 (47) | 1.4 (25) | 1,565 |
| Richer | 1.1 (16) | 1.2 (16) | 4.1 (59) | 2.0 (27) | 1,303 |
| Richest | 1.0 (8) | 1.5 (14) | 3.6 (32) | 2.1 (20) | 862 |
| Marital Status | | | | | |
| Never married | 0.7 (18) | 0.6 (15) | 2.5 (66) | 1.3 (36) | 2,367 |
| Currently married | 1.4 (64) | 0.8 (39) | 3.4 (156) | 1.7 (78) | 4,252 |
| Others (widowed/divorced/separated) | 0.7 (5) | 0.6 (4) | 3.4 (26) | 2.4 (16) | 660 |
| Place of Residence | | | | | |
| Urban | 1.5 (48) | 1.0 (33) | 4.4 (142) | 2.3 (73) | 3,229 |
| Rural | 1.0 (39) | 0.6 (25) | 2.6 (106) | 1.4 (57) | 4,050 |
| Total | 1.1 (87) | 0.7 (58) | 3.1 (248) | 1.7 (130) | 7,279 |

Supplementary Table 5 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Mizoram (NFHS-5, 2019-21). Overall prevalence was 1.1% for diabetes, 0.7% for thyroid disorder, 3.1% for asthma, and 1.7% for heart disease (p<0.001). Prevalence of diabetes and heart disease was highest among women aged 40-49 years (2.6% and 2.1%, respectively), while asthma showed consistently high rates across all age groups, peaking at 3.9% in the 40-49 age group (p<0.001). By wealth quintile, asthma remained high across all groups, whereas diabetes and heart disease were slightly higher among richer and richest households (1.1-1.7% and 2.0-2.1%, respectively) (p<0.05). Among currently married women, prevalence was higher for diabetes (1.4%), asthma (3.4%), and heart disease (1.7%) compared to never married and widowed/divorced/separated women (p<0.01). Urban women reported higher rates of all NCDs diabetes (1.5%), thyroid disorder (1.0%), asthma (4.4%), and heart disease (2.3%) than rural women (1.0%, 0.6%, 2.6%, and 1.4%, respectively) (p<0.05).

Supplementary table 6: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Nagaland

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|----------------|------------------|----------|----------|-----------|
| | Diabetes % (n) | Thyroid % (n) | Asthma | Heart | |
| | 70 (11) | 70 (11) | % (n) | % (n) | |
| Age group (years) | | Т | T | T | T |
| 15-19 yrs | 0.2 (2) | 0.0 (1) | 0.4 (6) | 0.7 (9) | 1,302 |
| 20-29 yrs | 0.4 (12) | 0.3 (9) | 0.7 (23) | 0.6 (21) | 3,381 |
| 30-39 yrs | 0.6 (19) | 0.6 (14) | 0.9 (24) | 1.3 (34) | 2,632 |
| 40-49 yrs | 1.9 (46) | 0.6 (16) | 0.6 (15) | 1.4 (34) | 2,379 |
| Wealth Index | • | | • | • | |
| Poorest | 0.6 (13) | 0.2 (4) | 0.7 (14) | 0.8 (16) | 2,141 |
| Poorer | 0.6 (13) | 0.2 (4) | 0.9 (21) | 0.8 (19) | 2,252 |
| Middle | 1.1 (23) | 0.6 (13) | 0.7 (15) | 0.9 (19) | 2,145 |
| Richer | 0.7 (12) | 0.4 (7) | 0.4 (8) | 1.3 (23) | 1,763 |
| Richest | 1.4 (18) | 1.1 (12) | 0.6 (10) | 1.6 (21) | 1,393 |
| Marital Status | · | | | | |
| Never married | 0.3 (11) | 0.2 (6) | 0.7 (27) | 0.8 (30) | 3,528 |
| Currently married | 1.0 (63) | 0.5 (31) | 0.7 (39) | 1.0 (62) | 5,797 |
| Others (widowed/divorced/separated) | 1.4 (5) | 0.8 (3) | 0.6 (2) | 1.4 (6) | 369 |
| Place of Residence | | | | | |
| Urban | 0.9 (24) | 0.5 (14) | 0.8 (21) | 1.2 (31) | 2,575 |
| Rural | 0.8 (55) | 0.4 (26) | 0.7 (47) | 0.9 (67) | 7,119 |
| Total | 0.8 (79) | 0.4 (40) | 0.7 (68) | 1.0 (98) | 9,694 |

Supplementary Table 6 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Nagaland based on NFHS-5 (2019-21) data. Overall prevalence was low 0.8% for diabetes, 0.4% for thyroid disorder, 0.7% for asthma, and 1.0% for heart disease. The prevalence of diabetes (p < 0.001) and heart disease (p = 0.0045) increased significantly with age, being highest among women aged 40-49 years. Women from richer households showed higher rates of diabetes (p = 0.0465) and thyroid disorder (p = 0.0012). Marital status was significantly associated with diabetes (p = 0.0006) and thyroid disorder (p = 0.0162). No significant rural-urban differences were found (p > 0.05), and asthma showed a uniform distribution across all socio-demographic groups (p > 0.05).

Supplementary Table 7: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Sikkim

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|----------|----------|----------|----------|-----------|
| | Diabetes | Thyroid | Asthma | Heart | |
| | % (n) | % (n) | % (n) | % (n) | |
| Age group (years) | | | | | |
| 15-19 yrs | 0.1 (1) | 0.3 (1) | 0.7 (3) | 1.1 (5) | 405 |
| 20-29 yrs | 0.7 (7) | 0.8 (8) | 1.0 (11) | 0.8 (9) | 1,014 |
| 30-39 yrs | 2.8 (31) | 2.8 (33) | 1.0 (12) | 2.1 (25) | 1,111 |
| 40-49 yrs | 4.1 (34) | 2.3 (21) | 1.2 (10) | 1.7 (13) | 741 |
| Wealth Index | | • | | | |
| Poorest | 1.8 (16) | 1.1 (9) | 1.4 (13) | 1.5 (13) | 863 |
| Poorer | 1.8 (16) | 1.8 (15) | 0.7 (7) | 1.2 (11) | 843 |
| Middle | 2.0 (14) | 1.8 (15) | 0.8 (6) | 1.8 (14) | 693 |
| Richer | 3.2 (17) | 2.8 (15) | 1.4 (8) | 1.6 (8) | 522 |
| Richest | 2.4 (10) | 2.0 (9) | 0.6 (2) | 1.5 (6) | 350 |
| Marital Status | | | | | |
| Never married | 0.5 (6) | 0.7 (7) | 0.8 (9) | 1.0 (11) | 985 |
| Currently married | 2.8 (62) | 2.3 (54) | 1.2 (27) | 1.7 (38) | 2,157 |
| Others (widowed/divorced/separated) | 3.0 (5) | 1.3 (2) | 0.0 (0) | 1.7 (3) | 129 |
| Place of Residence | · | • | | | |
| Urban | 3.7 (19) | 3.8 (20) | 2.1 (11) | 2.7 (14) | 520 |
| Rural | 2.0 (54) | 1.6 (43) | 0.9 (25) | 1.4 (38) | 2,751 |
| Total | 2.1 (73) | 1.8 (63) | 1.0 (36) | 1.5 (52) | 3,271 |

Supplementary Table 7 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Sikkim (NFHS-5, 2019-21). The overall prevalence was 2.1% for diabetes, 1.8% for thyroid disorder, 1.0% for asthma, and 1.5% for heart disease, indicating a moderate NCD burden compared to other northeastern states. Prevalence of diabetes and thyroid disorder increased sharply with age, being highest among women aged 40-49 years (4.1% and 2.8%, respectively), showing a strong age-related gradient (p < 0.001). Heart disease also peaked among women aged 30-39 years (2.1%), while asthma remained relatively stable (0.7-1.2%) (p = 0.032). By wealth quintile, the prevalence of diabetes and thyroid disorder increased with higher economic status, being highest among richer (3.2%) and richest (2.4%) groups (p = 0.014). Asthma and heart disease showed modest variations across wealth categories (p > 0.05). Among currently married women, prevalence was higher for all NCDs diabetes (2.8%), thyroid disorder (2.3%), asthma (1.2%), and heart disease (1.7%) compared to never married and widowed/divorced/separated women (p = 0.008). Urban women reported higher rates of all NCDs diabetes (3.7%), thyroid disorder (3.8%), asthma (2.1%), and heart disease (2.7%) than rural women (2.0%, 1.6%, 0.9%, and 1.4%, respectively) (p = 0.021).

Supplementary Table 8: Prevalence (%) of Major Non-Communicable Diseases among Women (15-49 Years) by Selected Background Characteristics, NFHS-5 (2019-21), Tripura

| Characteristics | Yes, | Yes, | Yes, | Yes, | Total (N) |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
| | Diabetes | Thyroid | Asthma | Heart | |
| | % (n) | % (n) | % (n) | % (n) | |
| Age group (years) | | | | | |
| 15-19 yrs | 0.2 (2) | 0.5 (6) | 1.3 (15) | 0.7 (7) | 1,081 |
| 20-29 yrs | 1.0 (22) | 1.9 (49) | 2.1 (47) | 1.0 (22) | 2,268 |
| 30-39 yrs | 2.1 (49) | 3.2 (82) | 3.5 (80) | 2.2 (51) | 2,300 |
| 40-49 yrs | 4.4 (77) | 4.1 (80) | 3.6 (63) | 3.3 (53) | 1,665 |
| Wealth Index | | | | | |
| Poorest | 1.0 (16) | 1.1 (18) | 2.2 (36) | 1.0 (16) | 1,649 |
| Poorer | 1.4 (21) | 1.4 (22) | 2.6 (42) | 2.2 (35) | 1,603 |
| Middle | 1.4 (20) | 2.8 (43) | 3.0 (44) | 2.3 (34) | 1,477 |
| Richer | 3.4 (46) | 3.5 (55) | 3.1 (43) | 2.5 (32) | 1,402 |
| Richest | 3.8 (47) | 6.2 (79) | 3.3 (40) | 1.5 (16) | 1,183 |
| Marital Status | | | | | |
| Never married | 0.6 (6) | 0.8 (11) | 2.0 (23) | 0.5 (5) | 1,149 |
| Currently married | 2.2 (132) | 2.9 (191) | 2.7 (157) | 2.1 (116) | 5,787 |
| Others (widowed/divorced/separated) | 3.1 (12) | 3.2 (15) | 6.6 (25) | 3.2 (12) | 378 |
| Place of Residence | | | | | |
| Urban | 2.7 (37) | 6.5 (87) | 3.2 (43) | 1.3 (18) | 1,347 |
| Rural | 1.9 (113) | 2.2 (130) | 2.7 (162) | 1.9 (115) | 5,967 |
| Total | 2.0 (150) | 2.6 (217) | 2.8 (205) | 1.9 (133) | 7,314 |

Supplementary Table 8 presents the prevalence of major non-communicable diseases (NCDs) among women aged 15-49 years in Tripura (NFHS-5, 2019-21). The overall prevalence was 2.0% for diabetes, 2.6% for thyroid disorder, 2.8% for asthma, and 1.9% for heart disease, indicating a moderate NCD burden in the state. Across age groups, prevalence of all NCDs increased steadily with age, peaking among women aged 40-49 years diabetes (4.4%), thyroid disorder (4.1%), asthma (3.3%), and heart disease (3.6%) showing strong age-related gradients (p < 0.001). By wealth quintile, diabetes and thyroid disorder exhibited clear positive associations with wealth, reaching their highest levels among the richest women (6.2% each) (p = 0.002). Asthma prevalence remained relatively stable (2.2-3.3%) across quintiles, while heart disease ranged from 1.0-2.5%, slightly higher among middle to richer households (p = 0.041). Marital status showed notable differences currently married women had higher rates of all NCDs (2.2% diabetes, 2.9% thyroid disorder, 2.7% asthma, and 2.1% heart disease), while widowed/divorced/separated women reported the highest asthma (6.6%) and heart disease (3.2%) prevalence (p <0.05).