

**Supplemental Online Content**

Supplemental Table 1. ICD-9-CM, ICD-10-CM, and procedure codes for uterine fibroids, covariates, and study outcomes

Supplemental Table 2. Baseline characteristics in a cohort of women with UF aged 18-50 years with no prior diagnosis of cancer or hysterectomy, stratified by those with and without prevalent mental health

Supplemental Table 3. Diagnosing provider type for depression, anxiety, and self-directed violence

Supplemental Table 4. Association between uterine fibroids and incidence of adverse mental health outcomes, using alternative definitions of mental health outcomes

Supplemental Table 5. Association between uterine fibroids and incidence of adverse mental health outcomes, alternative definition of uterine fibroids

Supplemental Table 6. Association between uterine fibroids and incidence of adverse mental health outcomes, stratified by age

Supplemental Table 7. Association between uterine fibroids and incidence of adverse mental health outcomes, stratified by decade of cohort entry

Supplemental Table 1. ICD-9-CM, ICD-10-CM, and procedure codes for endometriosis, covariates, and study outcomes

Measure	Definition
<b>Exposure</b>	
Uterine Fibroids	ICD-9: 218.0, 218.1, 218.2, 218.9 ICD-10: D25.0, D25.1, D25.2, D25.9
Ultrasonography	CPT/HCPCS: 76830, 76856
Pelvic MRI	ICD-9: 793.6 ICD-9 Proc: 88.95 ICD-10: R93.5 ICD-10 Proc: 8E0WXBH, BR3CY0Z, BR3CYZZ, BR3CZZZ, BR3FY0Z, BR3FYZZ, BR3FZZZ, BW3GY0Z, BW3GYZZ, BW3GZZZ CPT/HCPCS: 72195, 72196, 72197, 74181, 74182, 74183
General Medical Exam/Annual Gynecological Visit	ICD-9: V70, V70.0, V70.3, V70.5, V70.8, V70.9, V72.31 ICD-10: Z00.0, Z00.00, Z00.01, Z01.41, Z01.411, Z01.419 CPT/HCPCS: 99386, S0610, S0612, S0613
<b>Outcomes</b>	
Depression	ICD-9: 296.2, 296.3, 298.0, 300.4, 309, 309.0, 309.1, 309.28, 311, 296.20, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.30, 296.31, 296.32, 296.33, 296.34, 296.35, 296.36 ICD-10: F32, F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.8, F32.9, F33, F33.0, F33.1, F33.2, F33.3, F33.4, F33.40, F33.41, F33.42, F33.8, F33.9, F34.1
Anxiety	ICD-9: 300.00, 300.02, 300.0, 293.84, 300.3, 308.3, 309.8, 300, 300.01, 300.09, 309.81, 309.82, 309.83, 309.89, 309.21, 309.24, 309.28 ICD-10: F41.1, F41, F41.0, F41.3, F41.8, F41.9, F43.0, F43.10, F43.12, F43.22, F43.23, F43.8
Self-Directed Violence	Suicidal behavior, intentional self-inflicted injury or self harm ICD-9: E950, E950.0, E950.1, E950.2, E950.3, E950.4, E950.5, E950.6, E950.7, E950.8, E950.9, E951, E951.0, E951.1, E951.8, E952, E952.0, E952.1, E952.8, E952.9, E953, E953.0, E953.1, E953.8, E953.9, E954, E955, E955.0, E955.1, E955.2, E955.3, E955.4, E955.5, E955.6, E955.7, E955.9, E956, E957, E957.0, E957.1, E957.2, E957.9, E958, E958.0, E958.1, E958.2, E958.3, E958.4, E958.5, E958.6, E958.7, E958.8, E958.9, E959 ICD-10: T14.91, T36.1X2, T36.7X2, T42.2X2, T42.2X2A, T42.2X2D, T42.2X2S, T42.3X2, T42.3X2A, T42.3X2D, T42.3X2S, T42.4X2, T42.4X2A, T42.4X2D, T42.4X2S, X71.0XXA, X71.1XXA, X71.2, X71.3XXA, X71.8XXA, X71.9XXA,

Measure	Definition
	<p>X72.XXXA, X72.XXXD, X72.XXXS, X73.0XXA, X73.0XXD, X73.0XXS, X73.1, X73.1XXA, X73.2XXA, X73.2XXD, X73.8XXA, X73.8XXS, X73.9XXA, X73.9XXD, X74.01XA, X74.01XS, X74.02XA, X74.09XA, X74.8XXA, X74.8XXD, X74.9XXA, X74.9XXD, X74.9XXS, X75, X76.XXXA, X76.XXXD, X76.XXXS, X77.1XXA, X77.2XXA, X77.3XXA, X77.8XXA, X77.9XXA, X77.9XXD, X78, X78.0, X78.0XXA, X78.0XXD, X78.0XXS, X78.1XXA, X78.1XXD, X78.1XXS, X78.2XXA, X78.8XXA, X78.8XXD, X78.8XXS, X78.9XXA, X78.9XXD, X78.9XXS, X79.XXXA, X79.XXXD, X79.XXXS, X80.XXXA, X80.XXXD, X81.0XXA, X81.0XXS, X81.1XXA, X81.8XXA, X82.0XXA, X82.0XXD, X82.2XXA, X82.8XXA, X82.8XXD, X82.8XXS, X83.0XXA, X83.2XXA, X83.8XXA, X83.8XXD, X83.8XXS, Z91.5</p> <p>Suicidal ideation</p> <p>ICD-9: V62.84</p> <p>ICD-10: R45.851</p>
Anti-depressant medication use	<p>AHFSC Therapeutic Category: 281604, 28160412, 28160416, 28160420, 28160424, 28160428, 28160492</p> <p>NDC Generic Name: AMITRIPTYLINE HCL, AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE, AMOXAPINE, CITALOPRAM HYDROBROMIDE, DESIPRAMINE HCL, DESVENLAFAXINE, DESVENLAFAXINE FUMARATE, DESVENLAFAXINE SUCCINATE, DOXEPIN HCL, DULOXETINE HCL, ESCITALOPRAM OXALATE, FLUOXETINE, FLUOXETINE HCL, FLUVOXAMINE MALEATE, IMIPRAMINE HCL, IMIPRAMINE PAMOATE, LEVOMILNACIPRAN HCL, MAPROTILINE HCL, NORTRIPTYLINE HCL, PAROXETINE HCL, PAROXETINEMESYLATE, PERPHENAZINE/AMITRIPTYLINE HCL, PROTRIPTYLINE HCL, SERTRALINE HCL, TRIMIPRAMINE MALEATE, VENLAFAXINE HCL, VILAZODONE HCL, BUPROPION HCL, MIRTAZAPINE, NEFAZODONE HCL, PHENELZINE SULFATE, TRANYLCPROMINE SULFATE, TRAZODONE HCL, ISOCARBOXAZID</p> <p>NDC Brand Name: ETRAFON 2-10, ETRAFON 2-25, TRIAVIL 10-2, TRIAVIL 2-10, TRIAVIL 2-25, TRIAVIL 25-2, TRIAVIL 25-4, TRIAVIL 4-10, TRIAVIL 4-25, TRIAVIL 4-50, LUVOX, LUVOX CR, ELAVIL, ENDEP, VANATRIP, LIMBITROL, LIMBITROL DS, ASENDIN, APLENZIN, BUPROBAN, FORFIVO XL, WELLBUTRIN, WELLBUTRIN SR, WELLBUTRIN XL, ZYBAN, BUDEPRION SR, BUDEPRION XL, CELEXA, CITALOPRAM, NORPRAMIN, KHEDEZLA, PRISTIQ, SINEQUAN, SILENOR, ZONALON, ADAPIN, CYMBALTA, IRENKA, LEXAPRO, RAPIFLUX, PROZAC, PROZAC WEEKLY, SARAFEM, FETZIMA, LUDIOMIL, REMERON, SERZONE, AVENTYL HCL, PAMELOR, SYMBYAX, PAXIL, PAXIL CR, PEXEVA, NARDIL, VIVACTIL, ZOLOFT, PARNATE, DESYREL, SURMONTIL, EFFEXOR, EFFEXOR XR, VIIBRYD, MARPLAN</p>
Anti-anxiety medication use	<p>NDC Generic Name: ALPRAZOLAM, ATENOLOL, CHLORDIAZEPOXIDE, CLONAZEPAM, DIAZEPAM, ESCITALOPRAM OXALATE, FLUOXETINE, GABAPENTIN, LORAZEPAM, OXAZEPAM, PREGABALIN, AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE, PROPRANOLOL HCL, SERTRALINE HCL, TRANYLCPROMINE SULFATE, VENLAFAXINE HCL, AMITRIPTYLINE</p>

Measure	Definition
	<p>HCL, BUSPIRONE HCL, CHLORAL HYDRATE, CLOMIPRAMINE HCL, CLORAZEPATE DIPOTASSIUM, DESIPRAMINE HCL, HYDROXYZINE HCL, IMIPRAMINE HCL, NORTRIPTYLINE HCL, PAROXETINE HCL, PAROXETINE MESYLATE, PHENELZINE SULFATE</p> <p>NDC Brand Name: ANAFRANIL, ATIVAN, BUSPAR, EFFEXOR, INDERAL, KLONOPIN, LEXAPRO, LIBRIUM, LYRICA, NARDIL, NEURONTIN, NORPRAMIN, PAMELOR, PARNATE, PAXIL, PROZAC, SERAX, TENORMIN, TOFRANIL, VALIUM, XANAX, ZOLOFT, XANAX XR, RAPIFLUX, PROZAC WEEKLY, SARAFEM, LORAZEPAM INTENSOL, ENDEP, VANATRIP, LIMBITROL, LIMBITROLS, VANSPAR, AQUACHLORAL, NOCTEC, TRANXENE T-TAB, TRANXENE-T, VISTARIL, VISTARIL IM, HYZINE, VISTAJECT, REZINE, TOFRANIL-PM, AVENTYL HCL, PAXIL CR</p>
<b>Procedures</b>	
Hysterectomy	<p>ICD-10 Proc: 0UT04ZZ, 0UT14ZZ, 0UT24ZZ, 0UT44ZZ, 0UT54ZZ, 0UT64ZZ, 0UT74ZZ, 0UT94ZZ, 0UT07ZZ, 0UT08ZZ, 0UT17ZZ, 0UT18ZZ, 0UT27ZZ, 0UT28ZZ, 0UT40ZZ, 0UT50ZZ, 0UT60ZZ, 0UT70ZZ, 0UT90ZZ, 0UT0FZZ, 0UT1FZZ, 0UT2FZZ, 0UT5FZZ, 0UT6FZZ, 0UT7FZZ, 0UT9FZZ, 0UTC4ZZ, 0UT47ZZ, 0UT57ZZ, 0UT58ZZ, 0UT67ZZ, 0UT68ZZ, 0UT77ZZ, 0UT78ZZ, 0UT97ZZ</p> <p>CPT/HCPCS: 58150, 58152, 58180, 58200, 58210, 58240, 58260, 58262, 58263, 58267, 58270, 58275, 58280, 58285, 58290, 58291, 58292, 58293, 58294, 58541, 58542, 58543, 58544, 58550, 58552, 58553, 58554, 58570, 58571, 58572, 58573, 58953, 58954, 58956, 68.4, 68.51, 68.61, S2078, 56308</p>
Myomectomy	CPT/HCPCS: 58146, 58546, 58140, 58145, 58545, 58561
Uterine Artery Embolization	<p>ICD-9 Proc: 68.24, 68.25</p> <p>ICD-10 Proc: 04LE0DT, 04LE3DT, 04LE4DT, 04LF0DU, 04LF3DU, 04LF4DU, 04LE0CT, 04LE0ZT, 04LE3CT, 04LE3ZT, 04LE4CT, 04LE4ZT, 04LF0CU, 04LF0ZU, 04LF3CU, 04LF3ZU, 04LF4CU, 04LF4ZU</p>
<b>Covariates</b>	
<b>Encounter with a mental health provider</b>	<p>NUCC Taxonomy Code: 103GC0700X, 103TP2700X, 103TE1100X, 102X00000X, 103TH0004X, 103TM1800X, 103TR0400X, 103TF0000X, 103TF0200X, 103TP2701X, 163WP0807X, 103TP0016X, 103TP0814X, 103TA0700X, 103TH0100X, 101YS0200X, 2084P0802X, 101YP1600X, 103TA0400X, 1041S0200X, 103TS0200X, 364SP0809X, 364SP0808X, 102L00000X, 163WP0809X, 261QM0850X, 103TB0200X, 163WP0808X, 103TC2200X, 261QM0801X, 103TC1900X, 103G00000X, 2084P0804X, 363LP0808X, 251S00000X, 103K00000X, 101YA0400X, 101Y00000X, 104100000X, 106H00000X, 103T00000X, 103TC0700X, 2084P0800X, 101YP2500X, 101YM0800X, 1041C0700X</p>
<b>Symptoms</b>	
Heavy Menstrual Bleeding	<p>ICD-9: 626.2, 626.8, 626.9, 627.0</p> <p>ICD-10: N92.0, N92.1, N92.4</p>

Measure	Definition
Anemia or Blood Transfusion	<p>ICD-9: 280.0, 280.00, 280.01, 280.02, 280.03, 280.04, 280.05, 280.06, 280.07, 280.08, 280.09, 280.0Y, 999.62, E876.0, 999.6, 999.61, 999.63, 999.69, 999.8, 999.89, 999.83, 999.84, 999.85</p> <p>ICD-9 Proc: 99.06, 99, 99.02, 99.04, 99.07, 99.03, 99.05, 99.08</p> <p>ICD-10: D50.0, D50.8, D50.9, D62, D63.8, T80.911A, T80.919A, T80.310A, T80.311A, T80.39XA, T80.89XA, T80.319A, T80.30XA, T80.910A, T80.92XA, Y65.0</p> <p>ICD-10 Proc: 30233R1, 30240M1, 30240N1, 30240P1, 30240R1, 30240T1, 30243R1, 30250P1, 30253L1, 30260T1, 30263M1, 30233M1, 30240K1, 30240L1, 30243P1, 30250H1, 30250K1, 30253K1, 30253T1, 30260M1, 30260N1, 30260P1, 30263P1, 30233L1, 30240H1, 30240J1, 30243K1, 30243L1, 30243N1, 30250L1, 30250T1, 30253N1, 30260L1, 30263N1, 30263T1, 30230H1, 30230N1, 30230P1, 30233P1, 30233T1, 30243H1, 30243T1, 30250M1, 30253H1, 30253M1, 30253R1, 30260H1, 30263K1, 30230R1, 30233H1, 30233K1, 30233N1, 30243M1, 30250N1, 30250R1, 30253P1, 30260K1, 30260R1, 30263H1, 30263L1, 30263R1</p> <p>CPT/HCPCS: 36430</p>
Dysmenorrhea	<p>ICD-9: 625.3</p> <p>ICD-10: N94.6</p>
Dyspareunia	<p>ICD-9: 625.0</p> <p>ICD-10: N94.1</p>
Pelvic Pain	<p>ICD-9: 625.8, 625.9, 789.00, 789.01, 789.02, 789.03, 789.04, 789.05, 789.06, 789.07, 789.09</p> <p>ICD-10: N94.89, R10.10, R10.11, R10.12, R10.13, R10.2, R10.30, R10.31, R10.32, R10.33, R10.84, R10.9</p>
<b>Medical conditions</b>	
Pregnancy	<p>ICD-9: 630, 631, 631.0, 631.8, 632, 633, 633.0, 633.00, 633.01, 633.1, 633.10, 633.11, 633.2, 633.20, 633.21, 633.8, 633.80, 633.81, 633.9, 633.90, 633.91, 634, 634.0, 634.00, 634.01, 634.02, 634.1, 634.10, 634.11, 634.12, 634.2, 634.20, 634.21, 634.22, 634.3, 634.30, 634.31, 634.32, 634.4, 634.40, 634.41, 634.42, 634.5, 634.50, 634.51, 634.52, 634.6, 634.60, 634.61, 634.62, 634.7, 634.70, 634.71, 634.72, 634.8, 634.80, 634.81, 634.82, 634.9, 634.90, 634.91, 634.92, 635, 635.0, 635.00, 635.01, 635.02, 635.1, 635.10, 635.11, 635.12, 635.2, 635.20, 635.21, 635.22, 635.3, 635.30, 635.31, 635.32, 635.4, 635.40, 635.41, 635.42, 635.5, 635.50, 635.51, 635.52, 635.6, 635.60, 635.61, 635.62, 635.7, 635.70, 635.71, 635.72, 635.8, 635.80, 635.81, 635.82, 635.9, 635.90, 635.91, 635.92, 636, 636.0, 636.00, 636.01, 636.02, 636.1, 636.10, 636.11, 636.12, 636.2, 636.20, 636.21, 636.22, 636.3, 636.30, 636.31, 636.32, 636.4, 636.40, 636.41, 636.42, 636.5, 636.50, 636.51, 636.52, 636.6, 636.60, 636.61, 636.62, 636.7, 636.70, 636.71, 636.72, 636.8, 636.80, 636.81, 636.82, 636.9, 636.90, 636.91, 636.92, 637, 637.0, 637.00, 637.01, 637.02, 637.1, 637.10, 637.11, 637.12, 637.2, 637.20, 637.21, 637.22, 637.3, 637.30, 637.31, 637.32, 637.4, 637.40, 637.41, 637.42, 637.5, 637.50, 637.51, 637.52, 637.6, 637.60, 637.61, 637.62, 637.7, 637.70, 637.71, 637.72, 637.8, 637.80, 637.81, 637.82, 637.9, 637.90, 637.91, 637.92, 638, 638.0, 638.1, 638.2, 638.3, 638.4, 638.5, 638.6, 638.7, 638.8, 638.9, 639, 639.0, 639.1, 639.2,</p>

Measure	Definition
	639.3, 639.4, 639.5, 639.6, 639.8, 639.9, 640, 640.0, 640.00, 640.01, 640.03, 640.8, 640.80, 640.81, 640.83, 640.9, 640.90, 640.91, 640.93, 641, 641.0, 641.00, 641.01, 641.03, 641.1, 641.10, 641.11, 641.13, 641.2, 641.20, 641.21, 641.23, 641.3, 641.30, 641.31, 641.33, 641.8, 641.80, 641.81, 641.83, 641.9, 641.90, 641.91, 641.93, 642, 642.0, 642.00, 642.01, 642.02, 642.03, 642.04, 642.1, 642.10, 642.11, 642.12, 642.13, 642.14, 642.2, 642.20, 642.21, 642.22, 642.23, 642.24, 642.3, 642.30, 642.31, 642.32, 642.33, 642.34, 642.4, 642.40, 642.41, 642.42, 642.43, 642.44, 642.5, 642.50, 642.51, 642.52, 642.53, 642.54, 642.6, 642.60, 642.61, 642.62, 642.63, 642.64, 642.7, 642.70, 642.71, 642.72, 642.73, 642.74, 642.9, 642.90, 642.91, 642.92, 642.93, 642.94, 643, 643.0, 643.00, 643.01, 643.03, 643.1, 643.10, 643.11, 643.13, 643.2, 643.20, 643.21, 643.23, 643.8, 643.80, 643.81, 643.83, 643.9, 643.90, 643.91, 643.93, 644, 644.0, 644.00, 644.03, 644.1, 644.10, 644.13, 644.2, 644.20, 644.21, 645, 645.1, 645.10, 645.11, 645.13, 645.2, 645.20, 645.21, 645.23, 646, 646.0, 646.00, 646.01, 646.03, 646.1, 646.10, 646.11, 646.12, 646.13, 646.14, 646.2, 646.20, 646.21, 646.22, 646.23, 646.24, 646.3, 646.30, 646.31, 646.33, 646.4, 646.40, 646.41, 646.42, 646.43, 646.44, 646.5, 646.50, 646.51, 646.52, 646.53, 646.54, 646.6, 646.60, 646.61, 646.62, 646.63, 646.64, 646.7, 646.70, 646.71, 646.73, 646.8, 646.80, 646.81, 646.82, 646.83, 646.84, 646.9, 646.90, 646.91, 646.93, 647, 647.0, 647.00, 647.01, 647.02, 647.03, 647.04, 647.1, 647.10, 647.11, 647.12, 647.13, 647.14, 647.2, 647.20, 647.21, 647.22, 647.23, 647.24, 647.3, 647.30, 647.31, 647.32, 647.33, 647.34, 647.4, 647.40, 647.41, 647.42, 647.43, 647.44, 647.5, 647.50, 647.51, 647.52, 647.53, 647.54, 647.6, 647.60, 647.61, 647.62, 647.63, 647.64, 647.8, 647.80, 647.81, 647.82, 647.83, 647.84, 647.9, 647.90, 647.91, 647.92, 647.93, 647.94, 648, 648.0, 648.00, 648.01, 648.02, 648.03, 648.04, 648.1, 648.10, 648.11, 648.12, 648.13, 648.14, 648.2, 648.20, 648.21, 648.22, 648.23, 648.24, 648.3, 648.30, 648.31, 648.32, 648.33, 648.34, 648.4, 648.40, 648.41, 648.42, 648.43, 648.44, 648.5, 648.50, 648.51, 648.52, 648.53, 648.54, 648.6, 648.60, 648.61, 648.62, 648.63, 648.64, 648.7, 648.70, 648.71, 648.72, 648.73, 648.74, 648.8, 648.80, 648.81, 648.82, 648.83, 648.84, 648.9, 648.90, 648.91, 648.92, 648.93, 648.94, 649, 649.0, 649.00, 649.01, 649.02, 649.03, 649.04, 649.1, 649.10, 649.11, 649.12, 649.13, 649.14, 649.2, 649.20, 649.21, 649.22, 649.23, 649.24, 649.3, 649.30, 649.31, 649.32, 649.33, 649.34, 649.4, 649.40, 649.41, 649.42, 649.43, 649.44, 649.5, 649.50, 649.51, 649.53, 649.6, 649.60, 649.61, 649.62, 649.63, 649.64, 649.7, 649.70, 649.71, 649.73, 649.8, 649.81, 649.82, 650, 651, 651.0, 651.00, 651.01, 651.03, 651.1, 651.10, 651.11, 651.13, 651.2, 651.20, 651.21, 651.23, 651.3, 651.30, 651.31, 651.33, 651.4, 651.40, 651.41, 651.43, 651.5, 651.50, 651.51, 651.53, 651.6, 651.60, 651.61, 651.63, 651.7, 651.70, 651.71, 651.73, 651.8, 651.80, 651.81, 651.83, 651.9, 651.90, 651.91, 651.93, 652, 652.0, 652.00, 652.01, 652.03, 652.1, 652.10, 652.11, 652.13, 652.2, 652.20, 652.21, 652.23, 652.3, 652.30, 652.31, 652.33, 652.4, 652.40, 652.41, 652.43, 652.5, 652.50, 652.51, 652.53, 652.6, 652.60, 652.61, 652.63, 652.7, 652.70, 652.71, 652.73, 652.8, 652.80, 652.81, 652.83, 652.9, 652.90, 652.91, 652.93, 653, 653.0, 653.00, 653.01, 653.03, 653.1, 653.10, 653.11, 653.13, 653.2, 653.20, 653.21, 653.23, 653.3, 653.30, 653.31, 653.33, 653.4, 653.40, 653.41, 653.43, 653.5, 653.50, 653.51, 653.53, 653.6, 653.60, 653.61, 653.63, 653.7, 653.70, 653.71, 653.73, 653.8, 653.80, 653.81, 653.83, 653.9, 653.90, 653.91, 653.93, 654, 654.0, 654.00, 654.01, 654.02, 654.03, 654.04, 654.1, 654.10, 654.11, 654.12, 654.13, 654.14, 654.2, 654.20, 654.21, 654.23, 654.3, 654.30, 654.31, 654.32, 654.33, 654.34, 654.4, 654.40, 654.41, 654.42, 654.43, 654.44, 654.5, 654.50, 654.51, 654.52, 654.53, 654.54, 654.6, 654.60, 654.61, 654.62, 654.63, 654.64, 654.7, 654.70, 654.71, 654.72, 654.73, 654.74, 654.8, 654.80, 654.81, 654.82, 654.83, 654.84, 654.9, 654.90, 654.91, 654.92, 654.93, 654.94, 655, 655.0, 655.00, 655.01, 655.03, 655.1, 655.10, 655.11, 655.13, 655.2, 655.20, 655.21, 655.23, 655.3, 655.30, 655.31, 655.33, 655.4, 655.40, 655.41, 655.43, 655.5, 655.50, 655.51, 655.53, 655.6, 655.60, 655.61, 655.63, 655.7, 655.70, 655.71, 655.73, 655.8, 655.80, 655.81, 655.83, 655.9, 655.90, 655.91, 655.93, 656, 656.0, 656.00, 656.01, 656.03, 656.1, 656.10, 656.11, 656.13, 656.2, 656.20, 656.21, 656.23, 656.3, 656.30, 656.31,

Measure	Definition
	<p>656.33, 656.4, 656.40, 656.41, 656.43, 656.5, 656.50, 656.51, 656.53, 656.6, 656.60, 656.61, 656.63, 656.7, 656.70, 656.71, 656.73, 656.8, 656.80, 656.81, 656.83, 656.9, 656.90, 656.91, 656.93, 657, 657.00, 657.01, 657.03, 658, 658.0, 658.00, 658.01, 658.03, 658.1, 658.10, 658.11, 658.13, 658.2, 658.20, 658.21, 658.23, 658.3, 658.30, 658.31, 658.33, 658.4, 658.40, 658.41, 658.43, 658.8, 658.80, 658.81, 658.83, 658.9, 658.90, 658.91, 658.93, 659, 659.0, 659.00, 659.01, 659.03, 659.1, 659.10, 659.11, 659.13, 659.2, 659.20, 659.21, 659.23, 659.3, 659.30, 659.31, 659.33, 659.4, 659.40, 659.41, 659.43, 659.5, 659.50, 659.51, 659.53, 659.6, 659.60, 659.61, 659.63, 659.7, 659.70, 659.71, 659.73, 659.8, 659.80, 659.81, 659.83, 659.9, 659.90, 659.91, 659.93, 660, 660.0, 660.00, 660.01, 660.03, 660.1, 660.10, 660.11, 660.13, 660.2, 660.20, 660.21, 660.23, 660.3, 660.30, 660.31, 660.33, 660.4, 660.40, 660.41, 660.43, 660.5, 660.50, 660.51, 660.53, 660.6, 660.60, 660.61, 660.63, 660.7, 660.70, 660.71, 660.73, 660.8, 660.80, 660.81, 660.83, 660.9, 660.90, 660.91, 660.93, 661, 661.0, 661.00, 661.01, 661.03, 661.1, 661.10, 661.11, 661.13, 661.2, 661.20, 661.21, 661.23, 661.3, 661.30, 661.31, 661.33, 661.4, 661.40, 661.41, 661.43, 661.9, 661.90, 661.91, 661.93, 662, 662.0, 662.00, 662.01, 662.03, 662.1, 662.10, 662.11, 662.13, 662.2, 662.20, 662.21, 662.23, 662.3, 662.30, 662.31, 662.33, 663, 663.0, 663.00, 663.01, 663.03, 663.1, 663.10, 663.11, 663.13, 663.2, 663.20, 663.21, 663.23, 663.3, 663.30, 663.31, 663.33, 663.4, 663.40, 663.41, 663.43, 663.5, 663.50, 663.51, 663.53, 663.6, 663.60, 663.61, 663.63, 663.8, 663.80, 663.81, 663.83, 663.9, 663.90, 663.91, 663.93, 664, 664.0, 664.00, 664.01, 664.04, 664.1, 664.10, 664.11, 664.14, 664.2, 664.20, 664.21, 664.24, 664.3, 664.30, 664.31, 664.34, 664.4, 664.40, 664.41, 664.44, 664.5, 664.50, 664.51, 664.54, 664.6, 664.60, 664.61, 664.64, 664.8, 664.80, 664.81, 664.84, 664.9, 664.90, 664.91, 664.94, 665, 665.0, 665.00, 665.01, 665.03, 665.1, 665.10, 665.11, 665.2, 665.20, 665.22, 665.24, 665.3, 665.30, 665.31, 665.34, 665.4, 665.40, 665.41, 665.44, 665.5, 665.50, 665.51, 665.54, 665.6, 665.60, 665.61, 665.64, 665.7, 665.70, 665.71, 665.72, 665.74, 665.8, 665.80, 665.81, 665.82, 665.83, 665.84, 665.9, 665.90, 665.91, 665.92, 665.93, 665.94, 666, 666.0, 666.00, 666.02, 666.04, 666.1, 666.10, 666.12, 666.14, 666.2, 666.20, 666.22, 666.24, 666.3, 666.30, 666.32, 666.34, 667, 667.0, 667.00, 667.02, 667.04, 667.1, 667.10, 667.12, 667.14, 668, 668.0, 668.00, 668.01, 668.02, 668.03, 668.04, 668.1, 668.10, 668.11, 668.12, 668.13, 668.14, 668.2, 668.20, 668.21, 668.22, 668.23, 668.24, 668.8, 668.80, 668.81, 668.82, 668.83, 668.84, 668.9, 668.90, 668.91, 668.92, 668.93, 668.94, 669, 669.0, 669.00, 669.01, 669.02, 669.03, 669.04, 669.1, 669.10, 669.11, 669.12, 669.13, 669.14, 669.2, 669.20, 669.21, 669.22, 669.23, 669.24, 669.3, 669.30, 669.32, 669.34, 669.4, 669.40, 669.41, 669.42, 669.43, 669.44, 669.5, 669.50, 669.51, 669.6, 669.60, 669.61, 669.7, 669.70, 669.71, 669.8, 669.80, 669.81, 669.82, 669.83, 669.84, 669.9, 669.90, 669.91, 669.92, 669.93, 669.94, 670, 670.0, 670.00, 670.02, 670.04, 670.1, 670.10, 670.12, 670.14, 670.2, 670.20, 670.22, 670.24, 670.3, 670.30, 670.32, 670.34, 670.8, 670.80, 670.82, 670.84, 671, 671.0, 671.00, 671.01, 671.02, 671.03, 671.04, 671.1, 671.10, 671.11, 671.12, 671.13, 671.14, 671.2, 671.20, 671.21, 671.22, 671.23, 671.24, 671.3, 671.30, 671.31, 671.33, 671.4, 671.40, 671.42, 671.44, 671.5, 671.50, 671.51, 671.52, 671.53, 671.54, 671.8, 671.80, 671.81, 671.82, 671.83, 671.84, 671.9, 671.90, 671.91, 671.92, 671.93, 671.94, 672, 672.00, 672.02, 672.04, 673, 673.0, 673.00, 673.01, 673.02, 673.03, 673.04, 673.1, 673.10, 673.11, 673.12, 673.13, 673.14, 673.2, 673.20, 673.21, 673.22, 673.23, 673.24, 673.3, 673.30, 673.31, 673.32, 673.33, 673.34, 673.8, 673.80, 673.81, 673.82, 673.83, 673.84, 674, 674.0, 674.00, 674.01, 674.02, 674.03, 674.04, 674.1, 674.10, 674.12, 674.14, 674.2, 674.20, 674.22, 674.24, 674.3, 674.30, 674.32, 674.34, 674.4, 674.40, 674.42, 674.44, 674.5, 674.50, 674.51, 674.52, 674.53, 674.54, 674.8, 674.80, 674.82, 674.84, 674.9, 674.90, 674.92, 674.94, 675, 675.0, 675.00, 675.01, 675.02, 675.03, 675.04, 675.1, 675.10, 675.11, 675.12, 675.13, 675.14, 675.2, 675.20, 675.21, 675.22, 675.23, 675.24, 675.8, 675.80, 675.81, 675.82, 675.83, 675.84, 675.9, 675.90, 675.91, 675.92, 675.93, 675.94, 676, 676.0, 676.00, 676.01, 676.02, 676.03, 676.04, 676.1, 676.10, 676.11, 676.12, 676.13, 676.14, 676.2, 676.20,</p>

Measure	Definition
	<p>676.21, 676.22, 676.23, 676.24, 676.3, 676.30, 676.31, 676.32, 676.33, 676.34, 676.4, 676.40, 676.41, 676.42, 676.43, 676.44, 676.5, 676.50, 676.51, 676.52, 676.53, 676.54, 676.6, 676.60, 676.61, 676.62, 676.63, 676.64, 676.8, 676.80, 676.81, 676.82, 676.83, 676.84, 676.9, 676.90, 676.91, 676.92, 676.93, 676.94, 677, 678, 678.0, 678.00, 678.01, 678.03, 678.1, 678.10, 678.11, 678.13, 679, 679.0, 679.00, 679.01, 679.02, 679.03, 679.04, 679.1, 679.10, 679.11, 679.12, 679.13, 679.14, V22, V22.0, V22.1, V22.2, V23, V23.0, V23.1, V23.2, V23.3, V23.4, V23.41, V23.42, V23.49, V23.5, V23.7, V23.8, V23.81, V23.82, V23.83, V23.84, V23.85, V23.86, V23.87, V23.89, V23.9, V28, V28.0, V28.1, V28.2, V28.3, V28.4, V28.5, V28.6, V28.8, V28.81, V28.82, V28.89, V28.9</p> <p>ICD-10: A34, O01.9, O02.0, O02.1, O02.81, O02.89, O03.0, O03.1, O03.2, O03.30, O03.31, O03.32, O03.33, O03.34, O03.37, O03.39, O03.4, O03.5, O03.6, O03.7, O03.80, O03.81, O03.82, O03.83, O03.84, O03.85, O03.86, O03.87, O03.88, O03.89, O03.9, O04.5, O04.6, O04.7, O04.80, O04.81, O04.82, O04.83, O04.84, O04.85, O04.86, O04.87, O04.88, O04.89, O07.0, O07.1, O07.2, O07.30, O07.31, O07.32, O07.33, O07.34, O07.35, O07.36, O07.37, O07.38, O07.39, O07.4, O08.0, O08.1, O08.2, O08.3, O08.4, O08.5, O08.6, O08.7, O08.81, O08.82, O08.83, O08.89, O08.9, O09.00, O09.10, O09.211, O09.291, O09.30, O09.40, O09.41, O09.42, O09.43, O09.511, O09.512, O09.513, O09.519, O09.521, O09.522, O09.523, O09.529, O09.611, O09.621, O09.819, O09.821, O09.822, O09.823, O09.829, O09.891, O09.892, O09.893, O09.899, O09.90, O09.91, O09.92, O09.93, O10.011, O10.012, O10.013, O10.019, O10.02, O10.03, O10.111, O10.112, O10.113, O10.119, O10.12, O10.13, O10.211, O10.212, O10.213, O10.219, O10.22, O10.23, O10.311, O10.312, O10.313, O10.319, O10.32, O10.33, O10.411, O10.412, O10.413, O10.419, O10.42, O10.43, O10.911, O10.912, O10.913, O10.919, O10.92, O10.93, O11.1, O11.2, O11.3, O11.9, O12.00, O12.01, O12.02, O12.03, O12.20, O12.21, O12.22, O12.23, O13.1, O13.2, O13.3, O13.9, O14.00, O14.02, O14.03, O14.10, O14.12, O14.13, O14.20, O14.22, O14.23, O14.90, O14.92, O14.93, O15.02, O15.03, O15.1, O15.2, O15.9, O16.1, O16.2, O16.3, O16.9, O20.0, O20.8, O20.9, O21.0, O21.1, O21.2, O21.8, O21.9, O22.00, O22.01, O22.02, O22.03, O22.10, O22.11, O22.12, O22.13, O22.20, O22.21, O22.22, O22.23, O22.30, O22.31, O22.32, O22.33, O22.40, O22.41, O22.42, O22.43, O22.50, O22.51, O22.52, O22.53, O22.8X1, O22.8X2, O22.8X3, O22.8X9, O22.90, O22.91, O22.92, O22.93, O23.00, O23.10, O23.20, O23.30, O23.40, O23.41, O23.42, O23.43, O23.519, O23.529, O23.599, O23.90, O23.91, O23.92, O23.93, O24.319, O24.32, O24.419, O24.429, O24.439, O24.911, O24.912, O24.913, O24.92, O24.93, O25.10, O25.11, O25.12, O25.13, O25.2, O25.3, O26.00, O26.01, O26.02, O26.03, O26.11, O26.12, O26.13, O26.20, O26.21, O26.22, O26.23, O26.41, O26.42, O26.43, O26.50, O26.51, O26.52, O26.53, O26.611, O26.612, O26.613, O26.619, O26.62, O26.811, O26.812, O26.813, O26.819, O26.821, O26.822, O26.823, O26.829, O26.831, O26.832, O26.833, O26.839, O26.841, O26.842, O26.843, O26.849, O26.851, O26.852, O26.853, O26.859, O26.872, O26.873, O26.879, O26.891, O26.892, O26.893, O26.899, O26.90, O30.001, O30.002, O30.003, O30.009, O30.021, O30.022, O30.023, O30.029, O30.101, O30.102, O30.103, O30.109, O30.201, O30.202, O30.203, O30.209, O30.801, O30.802, O30.803, O30.809, O30.90, O30.91, O30.92, O30.93, O31.00X0, O31.01X0, O31.02X0, O31.03X0, O31.10X0, O31.11X0, O31.30X0, O31.31X0, O31.32X0, O31.33X0, O31.8X10, O31.8X20, O31.8X30, O31.8X90, O32.0XX0, O32.1XX0, O32.2XX0, O32.3XX0, O32.4XX0, O32.6XX0, O32.8XX0, O32.9XX0, O33.0, O33.1, O33.2, O33.3XX0, O33.4XX0, O33.5XX0, O33.6XX0, O33.8, O33.9, O34.00, O34.01, O34.02, O34.03, O34.10, O34.11, O34.12, O34.13, O34.29, O34.30, O34.31, O34.32, O34.33, O34.40, O34.41, O34.42, O34.43, O34.511, O34.512, O34.513, O34.519, O34.521, O34.522, O34.523, O34.529, O34.531, O34.532, O34.533, O34.539, O34.591, O34.592, O34.593, O34.599, O34.60, O34.61, O34.62,</p>



Measure	Definition
	<p>O34.63, O34.70, O34.71, O34.72, O34.73, O34.80, O34.81, O34.82, O34.83, O34.90, O34.91, O34.92, O34.93, O35.0XX0, O35.1XX0, O35.2XX0, O35.3XX0, O35.4XX0, O35.5XX0, O35.6XX0, O35.7XX0, O35.8XX0, O35.9XX0, O36.0110, O36.0120, O36.0130, O36.0190, O36.0910, O36.0920, O36.0930, O36.0990, O36.1110, O36.1120, O36.1130, O36.1190, O36.1910, O36.1920, O36.1930, O36.1990, O36.4XX0, O36.5110, O36.5120, O36.5130, O36.5190, O36.5910, O36.5920, O36.5930, O36.5990, O36.60X0, O36.61X0, O36.62X0, O36.63X0, O36.80X0, O36.8120, O36.8130, O36.8190, O36.8210, O36.8220, O36.8230, O36.8290, O36.8910, O36.8920, O36.8930, O36.8990, O36.90X0, O36.91X0, O36.92X0, O36.93X0, O40.1XX0, O40.2XX0, O40.3XX0, O40.9XX0, O41.00X0, O41.01X0, O41.02X0, O41.03X0, O41.1010, O41.1020, O41.1030, O41.1090, O41.1210, O41.1220, O41.1230, O41.1290, O41.1410, O41.1420, O41.1430, O41.1490, O41.8X10, O41.8X20, O41.8X30, O41.8X90, O41.90X0, O41.91X0, O41.92X0, O41.93X0, O42.00, O42.011, O42.012, O42.013, O42.02, O42.10, O42.111, O42.112, O42.113, O42.12, O43.011, O43.019, O43.101, O43.102, O43.103, O43.199, O43.211, O43.212, O43.213, O43.221, O43.222, O43.223, O43.231, O43.232, O43.233, O43.239, O43.811, O43.812, O43.813, O43.819, O43.91, O43.92, O43.93, O44.00, O44.01, O44.02, O44.03, O44.10, O44.11, O44.12, O44.13, O45.001, O45.002, O45.003, O45.011, O45.012, O45.013, O45.021, O45.022, O45.023, O45.091, O45.092, O45.093, O45.8X1, O45.8X2, O45.8X3, O45.8X9, O45.91, O45.92, O45.93, O46.001, O46.002, O46.003, O46.009, O46.011, O46.012, O46.013, O46.019, O46.021, O46.022, O46.023, O46.029, O46.091, O46.092, O46.093, O46.099, O46.8X1, O46.8X2, O46.8X3, O46.8X9, O46.90, O46.91, O46.92, O46.93, O47.00, O47.02, O47.03, O47.1, O47.9, O48.0, O48.1, O60.00, O60.02, O60.03, O60.10X0, O60.12X0, O60.13X0, O60.14X0, O61.0, O61.1, O61.9, O62.0, O62.1, O62.2, O62.3, O62.4, O62.9, O63.0, O63.1, O63.2, O63.9, O64.0XX0, O64.1XX0, O64.9XX0, O65.4, O65.5, O65.9, O66.0, O66.1, O66.40, O66.5, O66.8, O66.9, O67.0, O67.8, O67.9, O68, O69.0XX0, O69.1XX0, O69.2XX0, O69.3XX0, O69.4XX0, O69.5XX0, O69.81X0, O69.82X0, O69.89X0, O69.9XX0, O70.0, O70.1, O70.3, O70.4, O70.9, O71.00, O71.02, O71.03, O71.1, O71.2, O71.3, O71.4, O71.5, O71.6, O71.7, O71.82, O71.89, O71.9, O72.0, O72.1, O72.2, O72.3, O73.0, O73.1, O74.1, O74.2, O74.3, O74.8, O74.9, O75.0, O75.1, O75.2, O75.3, O75.4, O75.5, O75.81, O75.82, O75.89, O75.9, O76, O77.0, O80, O82, O85, O86.0, O86.11, O86.12, O86.13, O86.19, O86.20, O86.21, O86.22, O86.29, O86.4, O86.81, O86.89, O87.0, O87.1, O87.2, O87.3, O87.4, O87.8, O87.9, O88.011, O88.012, O88.013, O88.019, O88.02, O88.03, O88.111, O88.112, O88.113, O88.119, O88.12, O88.13, O88.211, O88.212, O88.213, O88.219, O88.22, O88.23, O88.311, O88.312, O88.313, O88.319, O88.32, O88.33, O88.811, O88.812, O88.813, O88.819, O88.82, O88.83, O89.09, O89.1, O89.2, O89.8, O89.9, O90.0, O90.1, O90.2, O90.3, O90.4, O90.5, O90.6, O90.81, O90.89, O90.9, O91.011, O91.012, O91.013, O91.019, O91.02, O91.111, O91.112, O91.113, O91.119, O91.12, O91.211, O91.212, O91.213, O91.219, O91.22, O91.23, O92.011, O92.012, O92.013, O92.019, O92.03, O92.111, O92.112, O92.113, O92.119, O92.13, O92.20, O92.29, O92.3, O92.5, O92.6, O92.70, O92.79, O94, O98.011, O98.012, O98.013, O98.019, O98.02, O98.03, O98.111, O98.112, O98.113, O98.119, O98.12, O98.13, O98.211, O98.212, O98.213, O98.219, O98.22, O98.23, O98.311, O98.312, O98.313, O98.319, O98.32, O98.33, O98.42, O98.43, O98.511, O98.512, O98.513, O98.519, O98.52, O98.53, O98.611, O98.612, O98.613, O98.619, O98.62, O98.63, O98.811, O98.812, O98.813, O98.819, O98.82, O98.83, O98.911, O98.912, O98.913, O98.919, O98.92, O98.93, O99.011, O99.012, O99.013, O99.019, O99.02, O99.03, O99.111, O99.112, O99.113, O99.119, O99.12, O99.13, O99.210, O99.211, O99.212, O99.213, O99.214, O99.215, O99.280, O99.281, O99.282, O99.283, O99.284, O99.285, O99.320, O99.321, O99.322, O99.323, O99.324, O99.325, O99.330, O99.331, O99.332, O99.333, O99.334, O99.335, O99.340, O99.341, O99.342, O99.343, O99.344, O99.345, O99.350,</p>

Measure	Definition
	O99.351, O99.352, O99.353, O99.354, O99.355, O99.411, O99.412, O99.413, O99.419, O99.42, O99.43, O99.53, O99.63, O99.810, O99.814, O99.815, O99.834, O99.835, O99.840, O99.841, O99.842, O99.843, O99.844, O99.845, O99.89, O9A.23, Z33.1, Z33.2, Z34.00, Z34.80, Z34.90
Live birth	<p>ICD-9: V27.0, V27.2, V27.3, V27.5, V27.6, V30, V30.0, V30.00, V30.01, V30.1, V30.2, V31, V31.0, V31.00, V31.01, V31.1, V31.2, V34, V34.0, V34.00, V34.01, V34.1, V34.2, V39, V39.0, V39.00, V39.01, V39.1, V39.2, 767 and is not V27.1</p> <p>ICD-10: 0W8NXZZ, 10D00Z2, 10D07Z3, 10D07Z4, 10D07Z5, 10D00Z0, 10D00Z1 (and is not Z37.1 for all)</p> <p>CPT/HCPCS: 59410, 59515, 59610, 59409, 59514, 59618, 59620, 59622, 59510, 59612, 59614, 59400 (and is not V27.1 or Z37.1 for all)</p>
Infertility	<p>ICD-9: 628.0, 628.1, 628.2, 628.3, 628.4, 628.8, 628.9, 628, V26, V26.1, V26.2, V26.21, V26.4, V26.41, V26.42, V26.49, V26.81, V26.82, V26.89, V26.9</p> <p>ICD-9 Proc: 69.92</p> <p>ICD-10: N97.0, N97.1, N97.2, N97.8, N97.9, N97, Z31, Z31.6, Z31.61, Z31.62, Z31.69, Z31.8, Z31.9</p> <p>CPT/HCPCS: 58321, 58322, 58345, 58752, 58760, 58770, 58974, 58976, 80415, 80426, 83001, 83002, 84830, 89253, 89254, 89255, 89258, 89268, 89272, 89280, 89281, 89290, 89291, S4035, S4042, 80415, 80426, 82670, 83001, 83002, 84144, J0725, J3355, S0122, S0126, S0128</p> <p>AHFSC Therapeutic Category: 68180000 and is not any of LEUPROLIDE ACETATE, LEUPROLIDE ACETATE/LIDOCAINE HCL, LEUPROLIDE ACETATE/NORETHINDRONE ACETATE</p> <p>NDC Generic Name: CLOMIPHENECITRATE, UROFOLLITROPIN, CHORIONIC GONADOTROPIN, HUMAN, MENOTROPINS, FOLLITROPIN ALFA, RECOMB, CHORIOGONADOTROPIN ALFA, FOLLITROPIN BETA, RECOMB, HISTRELIN ACETATE, LUTROPIN ALFA, NAFARELIN ACETATE, DEGARELIX ACETATE, ABARELIX, CETRORELIX ACETATE, GANIRELIX ACETATE, FOLLITROPIN BETA, RECOMB/GANIRELIX ACETATE</p>
Allergic Rhinitis	<p>ICD-9: 477, 477.0, 477.1, 477.2, 477.8, 477.9</p> <p>ICD-10: J30.0, J30.1, J30.2, J30.5, J30.81, J30.89, J30.9, J30.8</p>
Asthma	<p>ICD-9: 493, 493.0, 493.00, 493.01, 493.02, 493.1, 493.10, 493.11, 493.12, 493.2, 493.20, 493.21, 493.22, 493.8, 493.81, 493.82, 493.9, 493.90, 493.91, 493.92, V17.5</p> <p>ICD-10: J44.0, J44.1, J44.9, J45.20, J45.21, J45.22, J45.901, J45.902, J45.909, J45.990, J45.991, J45.998, Z82.5</p>
Irritable Bowel Syndrome	<p>ICD-9: 564.1</p> <p>ICD-10: K58, K58.0, K58.9</p>
Psoriasis	ICD-9: 696, 696.0, 696.1, 696.8, 696.2

Measure	Definition
	ICD-10: L40, L40.0, L40.1, L40.3, L40.4, L40.5, L40.50, L40.51, L40.52, L40.53, L40.54, L40.59, L40.8, L40.9, L40.2, L41.0, L41.1, L41.8, L44.8
Eczema	ICD-9: 692, 692.0, 692.1, 692.2, 692.3, 692.4, 692.5, 692.6, 692.7, 692.70, 692.74, 692.79, 692.8, 692.81, 692.82, 692.83, 692.84, 692.89, 692.9  ICD-10: L25, L25.0, L25.1, L25.2, L25.3, L25.4, L25.5, L25.8, L25.9
Chronic Low Back Pain	ICD-9: 721.3, 722.10, 722.32, 722.52, 722.93, 724.02, 724.2, 724.3, 724.5, 724.6, 724.70, 724.71, 724.79, 738.5, 739.3, 739.4, 846.0, 846.1, 846.2, 846.3, 846.8, 846.9, 847.2  ICD-10: M43.27, M43.28, M46.47, M47.817, M48.06, M51.26, M51.27, M51.36, M51.37, M51.46, M51.47, M51.86, M51.87, M53.2X7, M53.2X8, M53.3, M54.30, M54.89, M99.03, M99.04, M99.83, M99.84, S33.5XXA, S33.6XXA, S33.8XXA, S33.9XXA
Fatigue	ICD-9: 780.7, 780.71, 780.79  ICD-10: R53.81, R53.82, R53.83, G93.3, R53.0, R53.1
Vitamin D Deficiency	ICD-9: 268, 268.0, 268.1, 268.2, 268.9  ICD-10: E55, M83.9
Chronic Headaches/Migraines	ICD-9: 346.0, 346.00, 346.01, 346.1, 346.10, 346.11, 346.2, 346.20, 346.21, 346.8, 346.80, 346.81, 346.9, 346.90, 346.91, 784.0  ICD-10: G43.001, G43.009, G43.011, G43.019, G43.101, G43.109, G43.111, G43.119, G43.401, G43.409, G43.411, G43.419, G43.501, G43.509, G43.511, G43.519, G43.701, G43.709, G43.711, G43.719, G43.801, G43.809, G43.811, G43.819, G43.821, G43.829, G43.831, G43.839, G43.901, G43.909, G43.911, G43.919, G43.A0, G43.A1, G43.B0, G43.B1, G43.C0, G43.C1, G43.D0, G43.D1, G44.001, G44.009, G44.011, G44.019, G44.021, G44.029, G44.031, G44.039, G44.041, G44.049, G44.051, G44.059, G44.091, G44.099, G44.1, G44.201, G44.209, G44.211, G44.219, G44.221, G44.229, G44.301, G44.309, G44.311, G44.319, G44.321, G44.329, G44.40, G44.41, G44.51, G44.52, G44.53, G44.59, G44.81, G44.82, G44.83, G44.84, G44.85, G44.89, R51
Thyroid Disease	ICD-9: 240, 240.0, 240.9, 241, 241.0, 241.1, 241.9, 242, 242.0, 242.00, 242.01, 242.1, 242.10, 242.11, 242.2, 242.20, 242.21, 242.3, 242.30, 242.31, 242.4, 242.40, 242.41, 242.8, 242.80, 242.81, 242.9, 242.90, 242.91, 243, 244, 244.0, 244.1, 244.2, 244.3, 244.8, 244.9, 245, 245.0, 245.1, 245.2, 245.3, 245.4, 245.8, 245.9, 246, 246.0, 246.1, 246.2, 246.3, 246.8, 246.9  ICD-10: E00, E01, E02, E03, E04, E05, E06, E07
Hypothyroidism	ICD-9: 243, 244, 244.0, 244.1, 244.2, 244.3, 244.8, 244.9  ICD-10: E00.9, E01.8, E03.2, E03.8, E03.9, E89.0, E02, E03, E03.3
Diabetes Mellitus, Type II	ICD-9: 250.00, 250.02, 250.10, 250.12, 250.20, 250.22, 250.30, 250.32, 250.40, 250.42, 250.50, 250.52, 250.60, 250.62, 250.70, 250.72, 250.80, 250.82, 250.90, 250.92, 250, 250.0

Measure	Definition
	ICD-10: E11, E11.01, E11.21, E11.29, E11.311, E11.319, E11.36, E11.39, E11.40, E11.51, E11.618, E11.620, E11.621, E11.622, E11.628, E11.630, E11.638, E11.641, E11.649, E11.65, E11.69, E11.8, E11.9, E13.10, E11.00
Hyperlipidemia	ICD-9: 272.0, 272.1, 272.2, 272.4 ICD-10: E78.1, E78.2, E78.4, E78.5 CPT/HCPCS: 0556F, G8585
Hypertension	ICD-9: 401, 401.0, 401.1, 401.9, 402, 402.0, 402.00, 402.1, 402.10, 402.9, 402.90, 403, 403.0, 403.00, 403.01, 403.1, 403.10, 403.11, 403.9, 403.90, 403.91, 404, 404.0, 404.00, 404.01, 404.02, 404.03, 404.1, 404.10, 404.11, 404.12, 404.13, 404.9, 404.90, 404.91, 404.92, 404.93, 405, 405.0, 405.01, 405.09, 405.1, 405.11, 405.19, 405.9, 405.91, 405.99 ICD-10: I10, I11, I11.0, I11.9, I12, I12.0, I12.9, I13, I13.0, I13.1, I13.10, I13.11, I13.2, I15, I15.0, I15.1, I15.2, I15.8, I15.9
Fibromyalgia	ICD-9: 729.1 ICD-10: M79.7, M60.9, M79.1
<b>Medication use</b>	
Combined Hormonal Contraceptives	ICD-9: V25.01, V25.41 ICD-10: Z30.41, Z30.011 AHFSC Therapeutic Category: 68120000 NDC Generic Name: LEVONORGESTREL/ETHINYL ESTRADIOL/FERROUS BISGLYCINATE, DESOGESTREL-ETHINYL ESTRADIOL/ETHINYL ESTRADIOL, DROSPIRENONE/ETHINYL ESTRADIOL/LEVOMEFOLATE CALCIUM, NORETHINDRONE-ETHINYL ESTRADIOL/FERROUS FUMARATE, LEVONORGESTREL/ETHINYL ESTRADIOL AND ETHINYL ESTRADIOL, NORGESTREL-ETHINYL ESTRADIOL, ETHYNODIOL DIACETATE-ETHINYL ESTRADIOL, ETHINYL ESTRADIOL/DROSPIRENONE, DESOGESTREL-ETHINYL ESTRADIOL, NORETHINDRONE ACETATE-ETHINYL ESTRADIOL, NORETHINDRONE ACETATE-ETHINYL ESTRADIOL/FERROUS FUMARATE, NORGESTIMATE-ETHINYL ESTRADIOL, LEVONORGESTREL-ETHINYL ESTRADIOL, NORETHINDRONE-ETHINYL ESTRADIOL CPT/HCPCS: S4993
Oral Progestin	NDC Generic Name: NORETHINDRONE, ESTRADIOL VALERATE/DIENOGEST, NORGESTREL, ULIPRISTAL ACETATE, LEVONORGESTREL, NORETHINDRONE-MESTRANOL NDC Brand Name: AYGESTIN, DEBLITANE, ERRIN, HEATHER, JENCYCLA, JOLIVETTE, LYZA, NORETHINDRONE, NORLYDA, NORLYROC, ORTHO MICRONOR, OVRETTE, SHAROBEL, TULANA

Measure	Definition
Depot Medroxyprogesterone Acetate	<p>NDC Generic Name: MEDROXYPROGESTERONE ACETATE</p> <p>NDC BrandName: DEPO-PROVERA, DEPO-SUBQPROVERA 104, PROVERA</p> <p>CPT/HCPCS: J1050, J1051, J1055</p>
Intrauterine Device	<p>ICD-9: V25.11, V25.42, V45.51</p> <p>ICD-9 Proc: 69.7</p> <p>ICD-10: Z30.430, Z30.431, Z97.5</p> <p>ICD-10 Proc: 0UHC8HZ, 0UH90HZ, 0UH97HZ, 0UH98HZ, 0UHC7HZ</p> <p>NDC Drug Code: 00536114263, 43386062230, 50102021101, 50419042101, 50419042408, 51285094288, 54868489400, 68180085311, 68180085313, 50102011112, 50102021111, 51285008888, 51285010388, 51285014619, 51285094388, 52544006554, 52544047536, 54569534300, 63704000901, 64679005002, 71205012001, 45802084054, 50419042308, 50419042401, 51285010088, 51285096319, 52544027536, 54569647000, 55045283902, 62756072060, 64836000001, 69536014619, 69536016288, 00008256401, 16714080901, 21695044302, 43386062030, 50419042301, 51285016288, 52544028754, 52959045002, 55045378302, 62756071860, 68180085211, 68462012340, 00023585801, 00113200312, 21695097301, 50090114100, 50102011101, 50102021116, 50419042201, 51285003820, 51285003893, 51285076993, 52544003554, 63704001001, 68180085212, 69536010388, 69536020088, 00008007501, 00008007502, 00008091202, 00008111720, 00008111730, 00008253301, 00008253302, 00008253303, 00008253501, 00008253502, 00008253503, 00008253505, 00008253601, 00008253602, 00008253603, 00008253605, 00008257601, 00008257602, 00093313482, 00093313491, 00093603182, 00093603191, 00093614882, 00093614891, 00254203273, 00254203280, 00254203291, 00378655053, 00378655085, 00378728153, 00378728485, 00378728490, 00378728590, 00378728753, 00378728785, 00378729853, 00378731685, 00555901458, 00555901467, 00555901479, 00555902058, 00555902079, 00555904558, 00555904579, 00555904758, 00555912366, 00603762501, 00603762517, 00603762549, 00603763401, 00603763417, 00603763449, 00781557515, 00781558307, 00781558315, 00781558336, 00781558436, 00781558491, 00905027721, 00905027928, 00905029128, 16714034001, 16714034004, 16714035901, 16714035903, 16714035904, 16714036601, 16714036603, 21695028128, 21695051428, 21695085501, 21695099528, 42254026028, 50090138000, 50090139200, 50090253400, 50102012001, 50102012003, 50102012010, 50102012048, 50102013001, 50102013003, 50102013010, 50102013048, 50102013090, 50102022021, 50102022023, 50102023021, 50102023023, 50419040603, 50419040803, 50419040872, 50419041021, 50419041112, 50419041128, 50419043006, 50419043021, 50419043106, 50419043128, 50419043203, 50419043206, 50419043303, 50419043306, 50419043312, 50419049104, 51285001728, 51285005866, 51285008787, 51285009158, 51285009287, 51285043165, 51285043187, 51285051428, 51660057286, 51862002801, 51862002806, 51862004501, 51862004591, 51862004701, 51862004791, 51862009701, 51862009706, 51862048965, 51862051001, 51862051006, 51862054501, 51862054506, 52544022829, 52544022891, 52544026829, 52544026884, 52544027721, 52544027928, 52544029128, 52544029528, 52544029531, 52544094928, 52544096691, 52544096728, 54569068100, 54569068101, 54569068200, 54569068201, 54569069400,</p>

Measure	Definition
	<p>54569069401, 54569069500, 54569069501, 54569143800, 54569143900, 54569384400, 54569471000, 54569499700, 54569511500, 54569579800, 54569645500, 54569662000, 54868050700, 54868051800, 54868051801, 54868156400, 54868231600, 54868332800, 54868395100, 54868423900, 54868436800, 54868460700, 54868486000, 54868535600, 54868557000, 54868604400, 54868621000, 54868627500, 54868627600, 55045378206, 55289024708, 55289025308, 60322014521, 60322014728, 63187088928, 63955001001, 65862084828, 65862084888, 65862084928, 65862084988, 65862086494, 65862086495, 68180084311, 68180084313, 68180084411, 68180084413, 68180084611, 68180084613, 68180084811, 68180084813, 68180085411, 68180085413, 68180085711, 68180085713, 68180086011, 68180086012, 68462038829, 68462038884, 68462063729, 68462063784, 68462064691, 68462064693, 68462067291, 68462067295, 69238153106, 69238155406, 70700011684, 70700011685, 70700011787, 70700011884, 70700011885, 75854060203, 75854060228</p> <p>NDC Generic Name: LEVONORGESTREL</p> <p>NDC Brand Name: KYLEENA, LEVONORGESTREL, LILETTA, MIRENA, SKYLA</p> <p>CPT/HCPCS: J7298, J7297, J7300, J7302, 58300, J7301, J7296, Q9984</p>
Tranexamic Acid	<p>NDC Drug Code: 00013111401, 00013111408, 00013111410, 00013111415, 00013111420, 00013111421, 00016011400, 00016111408, 00517096001, 00517096010, 00591372030, 00601011400, 00601011408, 14789050010, 17478021710, 23155016631, 23155016641, 23155052431, 23155052441, 38779252002, 38779252004, 38779252005, 38779252008, 38779252009, 38779279402, 38779279404, 38779279405, 38779279408, 38779279409, 39822100001, 39822100106, 39822100107, 42192060501, 42192060510, 47781060122, 47781060191, 49452787602, 49452787603, 51552051305, 51552051307, 51552051309, 51552051350, 51754010801, 51754010803, 51927279300, 51927435200, 51927482200, 55150018810, 55566210001, 55566210002, 55566211002, 60429008430, 60505363801, 60505363803, 61990061100, 61990061102, 62991258101, 62991258102, 62991258103, 62991313101, 62991313102, 62991313103, 63323056301, 63323056310, 63323056397, 63370028025, 63370028035, 66479065001, 66479065030, 66993009030, 66993012130, 67457019700, 67457019710, 67457029300, 67457029310, 67850004100, 67850004110, 67850004200, 67850004210, 68084092932, 68084092933, 69543037613, 69543037622, 69543037623, 69918030130, 70860040010, 70860040041</p>
Non-Opioid Analgesics	<p>AHFSC Therapeutic Category: 280804</p> <p>NDC Generic Name: IBUPROFEN, IBUPROFEN LYSINE/PF, IBUPROFEN/CAFFEINE/VITAMINS B1, B2, B6, &amp; B12, IBUPROFEN/DIETARY SUPPLEMENT, MISC. CB.11, IBUPROFEN/FAMOTIDINE, NAPROXEN/DIETARY SUPPLEMENT, MISC. CB.11, NAPROXEN, NAPROXEN SODIUM, DICLOFENAC SODIUM, DICLOFENAC SODIUM, MICRONIZED, DICLOFENAC SUBMICRONIZED, DICLOFENAC SODIUM/MISOPROSTOL, KETOPROFEN, KETOPROFEN, MICRONIZED, FLURBIPROFEN, FLURBIPROFEN SODIUM, MEFENAMIC ACID, MECLOFENAMATE SODIUM</p>

Measure	Definition
Opioid Analgesic	<p>NDC Generic Name: FENTANYL, METHADONE HCL, METHADONE HYDROCHLORIDE IN 0.9 % SODIUM CHLORIDE, OXYCODONE HCL, OXYCODONE HCL/ACETAMINOPHEN, OXYCODONE HCL/ASPIRIN, OXYCODONE HCL/OXYCODONE TEREPHTHALATE/ASPIRIN, OXYCODONE MYRISTATE, OXYCODONE/ASPIRIN, IBUPROFEN/OXYCODONE HCL, CODEINE PHOSPHATE, CODEINE PHOSPHATE/BROMODIPHENHYDRAMINE HCL, CODEINE PHOSPHATE/BUTALBITAL/ASPIRIN/CAFFEINE, CODEINE PHOSPHATE/GUAIFENESIN, CODEINE PHOSPHATE/PYRILAMINE MALEATE, CODEINE POLISTIREX/CHLORPHENIRAMINE POLISTIREX, CODEINE SULFATE, CODEINE/CALCIUM IODIDE, ACETAMINOPHEN WITH CODEINE PHOSPHATE, ASPIRIN/CODEINE PHOSPHATE, MORPHINE SULFATE, MORPHINE SULFATE IN 0.9 % SODIUM CHLORIDE, MORPHINE SULFATE IN 0.9 % SODIUM CHLORIDE/PF, MORPHINE SULFATE IN SODIUM CHLORIDE, ISO-OSMOTIC/PF, MORPHINE SULFATE LIPOSOMAL/PF, MORPHINE SULFATE/DEXTROSE 5 % IN WATER, MORPHINE SULFATE/DEXTROSE 5%-WATER/PF, MORPHINE SULFATE/NALTREXONE HCL, MORPHINE SULFATE/PF, HYDROMORPHONE HCL, HYDROMORPHONE HCL IN 0.9 % SODIUM CHLORIDE, HYDROMORPHONE HCL IN 0.9 % SODIUM CHLORIDE/PF, HYDROMORPHONE HCL IN DEXTROSE 5 %-WATER/PF, HYDROMORPHONE HCL/BUPIVACAINE HCL IN 0.9% SODIUM CHLORIDE/PF, HYDROMORPHONE HCL/GUAIFENESIN, HYDROMORPHONE HCL/PF, HYDROMORPHONE HCL/ROPIVACAINE IN 0.9 % SODIUM CHLORIDE/PF, OXYMORPHONE HCL, LEVORPHANOL TARTRATE, MEPERIDINE HCL, MEPERIDINE HCL IN 0.9 % SODIUM CHLORIDE, MEPERIDINE HCL IN 0.9 % SODIUM CHLORIDE/PF, MEPERIDINE HCL/ATROPINE SULFATE, MEPERIDINE HCL/PF, MEPERIDINE HCL/PROMETHAZINE HCL, OPIUM TINCTURE, OPIUM/BELLADONNA ALKALOIDS, HYDROCODONE BIT/CHLORPHENIRAMINE/PSEUDOEPHEDRINE/GUAIFENESIN, HYDROCODONE BITART/BROMPHENIRAMINE MAL/PSEUDOEPHEDRINE HCL, HYDROCODONE BITART/CHLORPHENIRAMINE MALEATE/PSEUDOEPHEDRINE, HYDROCODONE BITARTRATE, HYDROCODONE BITARTRATE/ACETAMINOPHEN, HYDROCODONE BITARTRATE/ACETAMINOPHEN/DIETARY SUPPLEMENT #11, HYDROCODONE BITARTRATE/ASPIRIN, HYDROCODONE BITARTRATE/CARBINOXAMINE MAL/PSEUDOEPHEDRINE HCL, HYDROCODONE BITARTRATE/CHLORPHENIRAMINE MALEATE, HYDROCODONE BITARTRATE/HOMATROPINE, HYDROCODONE BITARTRATE/HOMATROPINE METHYLBROMIDE, HYDROCODONE BITARTRATE/PSEUDOEPHEDRINE HCL/GUAIFENESIN, HYDROCODONE POLISTIREX/CHLORPHENIRAMINE POLISTIREX, HYDROCODONE TANNATE/CHLORPHENIRAMINE TANNATE, HYDROCODONE/IBUPROFEN, TRAMADOL HCL, TRAMADOL HCL/ACETAMINOPHEN, TRAMADOL HCL/DIETARY SUPPLEMENT, MISC. CB.11</p>
Antihypertensives	<p>NDC Generic Name: ACEBUTOLOL HCL, AMILORIDE HCL, AMILORIDE HCL/HYDROCHLOROTHIAZIDE, AMLODIPINE BESYLATE, AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM, AMLODIPINE BESYLATE/BENAZEPRIL HCL, AMLODIPINE BESYLATE/OLMESARTAN MEDOXOMIL, AMLODIPINE BESYLATE/VALSARTAN, AMLODIPINE BESYLATE/VALSARTAN/HYDROCHLOROTHIAZIDE, ATENOLOL, ATENOLOL/CHLORTHALIDONE, AZILSARTAN MEDOXOMIL,</p>



Measure	Definition
	<p>AZILSARTAN MEDOXOMIL/CHLORTHALIDONE, BENAZEPRIL HCL, BENAZEPRIL HCL/HYDROCHLOROTHIAZIDE, BEPRIDIL HCL, BETAXOLOL HCL, BISOPROLOL FUMARATE, BISOPROLOL FUMARATE/HYDROCHLOROTHIAZIDE, BUMETANIDE, CANDESARTAN CILEXETIL, CANDESARTAN CILEXETIL/HYDROCHLOROTHIAZIDE, CAPTOPRIL, CAPTOPRIL/HYDROCHLOROTHIAZIDE, CARTEOLOL HCL, CARVEDILOL, CARVEDILOL PHOSPHATE, CHLOROTHIAZIDE, CHLOROTHIAZIDE SODIUM, CHLORTHALIDONE, CLEVIDIPINE BUTYRATE, CLONIDINE, DILTIAZEM HCL, DILTIAZEM HCL IN 0.9 % SODIUM CHLORIDE, DILTIAZEM HCL/DEXTROSE 5 % IN WATER, DILTIAZEM MALATE, DOXAZOSIN MESYLATE, ENALAPRIL MALEATE, ENALAPRIL MALEATE/DILTIAZEM MALATE, ENALAPRIL MALEATE/FELODIPINE, ENALAPRIL MALEATE/HYDROCHLOROTHIAZIDE, ENALAPRILAT DIHYDRATE, EPLERENONE, EPROSARTAN MESYLATE, EPROSARTAN MESYLATE/HYDROCHLOROTHIAZIDE, ESMOLOL HCL, ETHACRYNATE SODIUM, ETHACRYNIC ACID, FELODIPINE, FOSINOPRIL SODIUM, FOSINOPRIL SODIUM/HYDROCHLOROTHIAZIDE, FUROSEMIDE, FUROSEMIDE IN 0.9 % SODIUM CHLORIDE, HYDRALAZINE HCL, HYDRALAZINE HCL/HYDROCHLOROTHIAZIDE, HYDRALAZINE HCL/RESERPINE/HYDROCHLOROTHIAZIDE, HYDROCHLOROTHIAZIDE, HYDROFLUMETHIAZIDE, INDAPAMIDE, IRBESARTAN, ISRADIPINE, LABETALOL HCL, LISINOPRIL, LISINOPRIL/HYDROCHLOROTHIAZIDE, LOSARTAN POTASSIUM, LOSARTAN POTASSIUM/HYDROCHLOROTHIAZIDE, METHYLCLOTHIAZIDE, METHYLDOPA, METOLAZONE, METOPROLOL SUCCINATE, METOPROLOL SUCCINATE/HYDROCHLOROTHIAZIDE, METOPROLOL TARTRATE, METOPROLOL TARTRATE/HYDROCHLOROTHIAZIDE, MOEXIPRIL HCL, MOEXIPRIL HCL/HYDROCHLOROTHIAZIDE, NADOLOL, NADOLOL/BENDROFLUMETHIAZIDE, NEBIVOLOL HCL, NICARDIPINE HCL, NICARDIPINE IN DEXTROSE 5 %-WATER, NIFEDIPINE, NIMODIPINE, OLMESARTAN MEDOXOMIL, OLMESARTAN MEDOXOMIL/AMLODIPINE BESYLATE/HYDROCHLOROTHIAZIDE, OLMESARTAN MEDOXOMIL/HYDROCHLOROTHIAZIDE, PENBUTOLOL SULFATE, PERINDOPRIL ARGININE/AMLODIPINE BESYLATE, PERINDOPRIL ERBUMINE, PINDOLOL, POLYTHIAZIDE, PRAZOSIN HCL, PRAZOSIN HCL/POLYTHIAZIDE, PROPRANOLOL HCL, PROPRANOLOL HCL/HYDROCHLOROTHIAZIDE, QUINAPRIL HCL, QUINAPRIL HCL/HYDROCHLOROTHIAZIDE, RAMIPRIL, SOTALOL HCL, SPIRONOLACTONE, TELMISARTAN, TERAZOSIN HCL, TIMOLOL, TIMOLOL MALEATE, TIMOLOL MALEATE/HYDROCHLOROTHIAZIDE, TIMOLOL MALEATE/PF, TORSEMIDE, TRANDOLAPRIL, TRANDOLAPRIL/VERAPAMIL HCL, TRIAMTERENE, TRICHLORMETHIAZIDE, VALSARTAN, VERAPAMIL HCL</p>
Statins	<p>NDC Generic Name: ATORVASTATIN CALCIUM, AMLODIPINE BESYLATE/ATORVASTATIN CALCIUM, EZETIMIBE/ATORVASTATIN CALCIUM, SIMVASTATIN, EZETIMIBE/SIMVASTATIN, NIACIN/SIMVASTATIN, SITAGLIPTIN PHOSPHATE/SIMVASTATIN, PRAVASTATIN SODIUM, ASPIRIN (CALCIUM CARB &amp; MAGNESIUM BUFFERS)/PRAVASTATIN, FLUVASTATIN SODIUM, LOVASTATIN, NIACIN/LOVASTATIN, PITAVASTATIN CALCIUM, ROSUVASTATIN CALCIUM</p>



Measure	Definition
	NDC Brand Name: ALTOPREV, CRESTOR, LESCOL, LESCOL XL, LIPITOR, LIVALO, MEVACOR, PRAVACHOL, ZOCOR
Corticosteroids	<p>AHFSC Therapeutic Category: 68040000</p> <p>NDC Generic Name: PREDNISONE, PREDNISONE MICRONIZED, FLUTICASONE FUROATE, FLUTICASONE FUROATE/VILANTEROL TRIFENATATE, FLUTICASONE PROPIONATE, FLUTICASONE PROPIONATE, MICRONIZED, FLUTICASONE PROPIONATE/SALMETEROL XINAFOATE, FLUTICASONE PROPIONATE/SODIUM CHLORIDE/SODIUM BICARBONATE, AZELASTINE HCL/FLUTICASONE PROPIONATE, AZELASTINE/FLUTICASONE/SODIUM CHLORIDE/SODIUM BICARBONATE, METHYLPREDNISOLONE, METHYLPREDNISOLONE ACETATE, METHYLPREDNISOLONE ACETATE, MICRONIZED, METHYLPREDNISOLONE ACETATE/BUPIVACAINE HCL, METHYLPREDNISOLONE ACETATE/NORFLURANE/HFC 245FA, METHYLPREDNISOLONE SODIUM SUCCINATE, METHYLPREDNISOLONE SODIUM SUCCINATE/PF, METHYLPREDNISOLONE, MICRONIZED, BUDESONIDE, BUDESONIDE, MICRONIZED, BUDESONIDE/FORMOTEROL FUMARATE, PREDNISOLONE, PREDNISOLONE ACETATE, PREDNISOLONE ACETATE, MICRONIZED, PREDNISOLONE SODIUM PHOSPHATE, PREDNISOLONE SODIUM PHOSPHATE/PEAK FLOW METER, PREDNISOLONE, MICRONIZED, GENTAMICIN SULFATE/PREDNISOLONE ACETATE, NEOMYCIN SULFATE/POLYMYXIN B SULFATE/PREDNISOLONE, SULFACETAMIDE SODIUM/PREDNISOLONE ACETATE, SULFACETAMIDE SODIUM/PREDNISOLONE SODIUM PHOSPHATE, DEXAMETHASONE, DEXAMETHASONE ACETATE, DEXAMETHASONE ACETATE, MICRONIZED, DEXAMETHASONE ISONICOTINATE, DEXAMETHASONE PHOSPHATE, DEXAMETHASONE PHOSPHATE/LIDOCAINE HCL, DEXAMETHASONE SODIUM PHOSPHATE, DEXAMETHASONE SODIUM PHOSPHATE IN 0.9% SODIUM CHLORIDE, DEXAMETHASONE SODIUM PHOSPHATE/PF, DEXAMETHASONE, MICRONIZED, DEXAMETHASONE/SALIVA COLLECTION DEVICE, CIPROFLOXACIN HCL/DEXAMETHASONE, NEOMYCIN SULFATE/DEXAMETHASONE SODIUM PHOSPHATE, NEOMYCIN/POLYMYXIN B SULFATE/DEXAMETHASONE, TOBRAMYCIN/DEXAMETHASONE, BECLOMETHASONE DIPROPIONATE, MOMETASONE FUROATE, MOMETASONE FUROATE/AMMONIUM LACTATE, MOMETASONE FUROATE/FORMOTEROL FUMARATE, FLUDROCORTISONE ACETATE, HYDROCORTISONE, HYDROCORTISONE ACETATE, HYDROCORTISONE ACETATE/ALOE POLYSACCHARIDE/IODOQUINOL, HYDROCORTISONE ACETATE/ALOE VERA, HYDROCORTISONE ACETATE/IODOQUINOL/ALOE POLYSACCHARIDES #2, HYDROCORTISONE ACETATE/IODOQUINOL/ALOE VERA, HYDROCORTISONE ACETATE/LIDOCAINE HCL/ALOE VERA, HYDROCORTISONE ACETATE/LIDOCAINE HCL/SKIN CLEANSER NO.6, HYDROCORTISONE ACETATE/PRAMOXINE HCL, HYDROCORTISONE ACETATE/PRAMOXINE HCL/ALOE POLYSACCHARIDE, HYDROCORTISONE ACETATE/PRAMOXINE HCL/EMOLLIENT BASE, HYDROCORTISONE ACETATE/PRAMOXINE HCL/SKIN CLEANSER NO.16, HYDROCORTISONE ACETATE/PRAMOXINE/EMOLLIENT/PRAMOXINE CMB NO1, HYDROCORTISONE ACETATE/UREA, HYDROCORTISONE BUTYRATE, HYDROCORTISONE BUTYRATE/EMOLLIENT BASE, HYDROCORTISONE CYPIONATE, HYDROCORTISONE HEMISUCCINATE, HYDROCORTISONE</p>

Measure	Definition
	<p>PROBUTATE, HYDROCORTISONE SOD PHOSPHATE, HYDROCORTISONE SOD SUCCINATE, HYDROCORTISONE SODIUM SUCCINATE/PF, HYDROCORTISONE VALERATE, HYDROCORTISONE/ALOE POLYSACCHARIDE/IODOQUINOL, HYDROCORTISONE/ALOE VERA, HYDROCORTISONE/ALOE VERA/VITAMINE ACETATE/VITAMINS A AND D, HYDROCORTISONE/BENZOCAINE/CHLOROXYLENOL, HYDROCORTISONE/COLLOIDAL OATMEAL/ALOE/VITAMINE, HYDROCORTISONE/EMOLLIENT COMBINATION NO.45, HYDROCORTISONE/IODOQUINOL, HYDROCORTISONE/MINERAL OIL/PETROLATUM,WHITE, HYDROCORTISONE/PRAMOXINE HCL/CHLOROXYLENOL, HYDROCORTISONE/PRAMOXINE HCL/CHLOROXYLENOL/WATER, HYDROCORTISONE/PRAMOXINE/CHLOROXYLENOL/BENZALKONIUM, HYDROCORTISONE/PRAMOXINE/DIOSMINI/ALOEPOLYSAC 1/POLICOSANOL, HYDROCORTISONE/RESORCINOL/BISMUTH SUBGALLATE/ZINC OXIDE, HYDROCORTISONE/SALICYLIC ACID/SULFUR, HYDROCORTISONE/SALICYLIC ACID/SULFUR/SHAMPOO CMB 1, HYDROCORTISONE/SKIN CLEANSER COMBINATION NO.25, HYDROCORTISONE/SKIN CLEANSER COMBINATION NO.35, HYDROCORTISONE/YERBA SANTA, ACETIC ACID/HYDROCORTISONE, ACYCLOVIR/HYDROCORTISONE, BENZOYL PEROXIDE/HYDROCORTISONE, BENZOYL PEROXIDE/HYDROCORTISONE/SKIN CLEANSER COMB NO.14, CHLORCYCLIZINE HCL/HYDROCORTISONE ACETATE, CHLOROXYLENOL/BENZOCAINE/HYDROCORTISONE ACETATE, CIPROFLOXACIN HCL/HYDROCORTISONE, CLIOQUINOL/HYDROCORTISONE, CLIOQUINOL/HYDROCORTISONE/EMOLLIENT COMBINATION NO.88, CLIOQUINOL/HYDROCORTISONE/PRAMOXINE, DIPHENHYDRAMINE HCL/HYDROCORTISONE, KETOCONAZOLE/HYDROCORTISONE, LIDOCAINE HCL/HYDROCORTISONE ACETATE, LIDOCAINE HCL/HYDROCORTISONE ACETATE/PSYLLIUM HUSK, NEOMYCIN SULFATE/BACITRACIN ZINC/POLYMYXIN B/HYDROCORTISONE, NEOMYCIN SULFATE/COLISTIN SULFATE/HYDROCORTISONE, NEOMYCIN SULFATE/HYDROCORTISONE, NEOMYCIN SULFATE/HYDROCORTISONE ACETATE, NEOMYCIN SULFATE/POLYMYXIN B SULFATE/BUFFERS/HYDROCORTISONE, NEOMYCIN SULFATE/POLYMYXIN B SULFATE/HYDROCORTISONE, NEOMYCIN/BACITRACIN/POLYMYXIN B/HYDROCORTISONE, OXYTETRACYCLINE HCL/HYDROCORTISONE ACETATE, POLYMYXIN B SULFATE/HYDROCORTISONE, PYRILAMINE/PHENIRAMINE/CHLORPHENIRAMINE/HYDROCORTISONE</p>

Supplemental Table 2. Baseline characteristics in a cohort of women with UF aged 18-50 years with no prior diagnosis of cancer or hysterectomy, stratified by those with and without prevalent mental health

Variable	Without Prior Mental Health	With Prior Mental Health
N	313,754	515,665
<b>Demographics</b>		
Age, mean (SD)	40.3 (6.5)	40.76 (6.38)
Race, n (%)		
White	168,479 (53.7%)	304,800 (59.1%)
Asian	23,776 (7.6%)	30,806 (6.0%)
Black	74,601 (23.8%)	106,608 (20.7%)
Hispanic	46,898 (14.9%)	73,451 (14.2%)
Region of Residence, n (%)		
Northeast	41,689 (13.3%)	64,872 (12.6%)
Midwest	60,629 (19.3%)	106,113 (20.6%)
South	159,774 (50.9%)	258,036 (50.0%)
West	51,662 (16.5%)	86,644 (16.8%)
<b>Encounter with a mental health provider</b>	12,073 (3.8%)	73,948 (14.3%)
<b>Mental Health Conditions, n (%)</b>		
Occurrence of depression, anxiety, self-directed harm or use of anti- depressants or anti-anxiety medications	0 (0.0%)	199,601 (38.7%)

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Occurrence of depression or use of anti-depressants	0 (0.0%)	140,386 (27.2%)
Occurrence of anxiety or use of anti-anxiety medications	0 (0.0%)	174,230 (33.8%)
Occurrence of self-directed harm	0 (0.0%)	1,744 (0.3%)
<b>Symptoms, n (%)</b>		
Heavy Menstrual Bleeding	134,103 (42.7%)	236,028 (45.8%)
Anemia or Blood Transfusion	18,459 (5.9%)	32,019 (6.2%)
Dysmenorrhea	36,067 (11.5%)	68,224 (13.2%)
Dyspareunia	6,768 (2.2%)	14,023 (2.7%)
Pelvic Pain	107,601 (34.3%)	207,235 (40.2%)
<b>Medical Conditions, n (%)</b>		
Pregnancy	44,055 (14.0%)	74,537 (14.5%)
Live birth	21,174 (6.7%)	37,309 (7.2%)
Infertility	70,172 (22.4%)	133,023 (25.8%)
Allergic Rhinitis	49,945 (15.9%)	107,283 (20.8%)
Asthma	22,044 (7.0%)	50,422 (9.8%)
Irritable Bowel Syndrome	6,520 (2.1%)	20,086 (3.9%)
Psoriasis	2,582 (0.8%)	5,975 (1.2%)
Eczema	26,217 (8.4%)	58,314 (11.3%)
Chronic Low Back Pain	57,187 (18.2%)	131,086 (25.4%)
Fatigue	63,534 (20.2%)	145,548 (28.2%)
Vitamin D Deficiency	12,289 (3.9%)	27,405 (5.3%)

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Chronic Headaches/Migraines	45,976 (14.7%)	114,533 (22.2%)
Thyroid Disease	38,741 (12.3%)	80,086 (15.5%)
Hypothyroidism	31,080 (9.9%)	66,368 (12.9%)
Diabetes Mellitus, Type II	17,018 (5.4%)	35,526 (6.9%)
Hyperlipidemia	57,158 (18.2%)	117,967 (22.9%)
Hypertension	51,029 (16.3%)	106,336 (20.6%)
Fibromyalgia	15,213 (4.8%)	44,091 (8.6%)
<b>Medication Use, n (%)</b>		
Combined Hormonal Contraceptives	68,719 (21.9%)	130,001 (25.2%)
Oral Progestin	9,262 (3.0%)	19,127 (3.7%)
Depot Medroxyprogesterone Acetate	18,356 (5.9%)	36,591 (7.1%)
Intrauterine Device	21,921 (7.0%)	44,234 (8.6%)
Non-Opioid Analgesics	85,557 (27.3%)	176,078 (34.1%)
Opioid Analgesic	107,983 (34.4%)	227,240 (44.1%)
Antihypertensives	41,595 (13.3%)	100,761 (19.5%)
Statins	11,546 (3.7%)	28,481 (5.5%)
Corticosteroids	89,124 (28.4%)	193,731 (37.6%)
Tranexamic Acid	1,821 (0.6%)	3,533 (0.7%)
<b>Prior Procedures, n (%)</b>		
Uterine Artery Embolization	36 (0.0%)	63 (0.0%)
Myomectomy	6,612 (2.1%)	10,537 (2.0%)

Supplemental Table 3. Diagnosing provider type for depression, anxiety and self-directed violence

	Depression		Anxiety		Self-directed Violence	
	Uterine	No Uterine	Uterine	No Uterine	Uterine	No Uterine
	Fibroids	Fibroids	Fibroids	Fibroids	Fibroids	Fibroids
N with outcome	26,167	46,094	33,991	60,672	509	616
Provider Type						
Emergency Medicine	390 (1%)	549 (1%)	1,408 (4%)	1,794 (3%)	80 (16%)	99 (16%)
OBGYN	1,044 (4%)	1,407 (3%)	1,097 (3%)	1,702 (3%)	3 (<<1%)	3 (<1%)
Primary Care, Internal Medicine, Family Medicine	10,541 (40%)	19,932 (43%)	14,794 (44%)	27,759 (46%)	39 (8%)	45 (7%)
Psychologist, Psychiatrist or Counselor	6,546 (25%)	11,854 (26%)	6,576 (19%)	12,779 (21%)	12 (2%)	9 (1%)
Social Worker	2,217 (8%)	4,261 (9%)	2,248 (7%)	4,603 (8%)	2 (<1%)	1 (<1%)

Supplemental Table 4. Association between uterine fibroids and incidence of adverse mental health outcomes, using alternative definitions of mental health outcomes

	Uterine Fibroids	No Uterine Fibroids
N	313,754	627,539
<b>Depression*</b>		
N events	43,992	81,527
Rate per 1,000 person-years	52.5	55.4
Age-matched HR (95% CI) <sup>†</sup>	1.06 (1.05, 1.07)	1.0 (ref)
Adjusted HR (95% CI) <sup>‡</sup>	1.07 (1.06, 1.08)	1.0 (ref)
<b>Anxiety*</b>		
N events	71,170	123,967
Rate per 1,000 person-years	100.0	86.6
Age-matched HR (95% CI)	1.15 (1.14, 1.17)	1.0 (ref)
Adjusted HR (95% CI) <sup>‡</sup>	1.14 (1.13, 1.15)	1.0 (ref)
<b>Self-Directed Violence: Suicide Ideation</b>		
N events	421	518
Rate per 1,000 person-years	0.5	0.3
Age-matched HR (95% CI)	1.57 (1.38, 1.78)	1.0 (ref)
Adjusted HR (95% CI) <sup>‡</sup>	1.42 (1.25, 1.63)	1.0 (ref)
<b>Self-Directed Violence: Suicide Attempt</b>		
N events	136	152
Rate per 1,000 person-years	0.15	0.08
Age-matched HR (95% CI)	1.74 (1.38, 2.19)	1.0 (ref)
Adjusted HR (95% CI) <sup>‡</sup>	1.66 (1.31, 2.10)	1.0 (ref)

\* Abbreviations: CI, confidence interval; HR, hazard ratio

<sup>†</sup> Depression defined as presence of ICD diagnosis code OR prescription fill of anti-depressant medication and anxiety defined as presence of ICD diagnosis code OR prescription fill of anti-anxiety medication

<sup>‡</sup>HR adjusted for race, region of residence, allergic rhinitis, asthma, IBS, eczema, chronic low back pain, fatigue, vitamin D deficiency, chronic headaches/migraines, thyroid disease, hypothyroidism, diabetes

mellitus type 2, hyperlipidemia, hypertension, fibromyalgia, live birth, and use of antihypertensives, corticosteroids, non-opioid analgesics, opioid analgesic, combined hormonal contraceptives, statins, antihypertensives, oral progestin, depot medroxyprogesterone acetate (DMPA), or progestogen-releasing intrauterine system (IUD).



Supplemental Table 5. Association between uterine fibroids and incidence of adverse mental health outcomes, alternative definition of uterine fibroids

	Depression		Anxiety		Self-Directed Violence	
	UF	No UF	UF	No UF	UF	No UF
<b>Women with image confirmed UF</b>						
N	274,054	547,936	274,054	547,936	274,054	547,936
Events, N	22,775	40,070	29,897	53,394	455	550
Rate per 1,000 person-years	30.5	27.4	41.0	37.3	0.6	0.4
Adjusted HR (95% CI)*	1.11 (1.10, 1.13)	1.0 (ref)	1.11 (1.10, 1.13)	1.0 (ref)	1.44 (1.27, 1.64)	1.0 (ref)
<b>Women with UF, no prior myomectomy or uterine artery embolization</b>						
N	307,561	615,246	310,864	622,155	310,864	622,155
Events, N	25,683	45,429	33,354	59,578	491	630
Rate per 1,000 person-years	30.9	28.0	40.9	37.3	0.5	0.4
Adjusted HR (95% CI)*	1.11 (1.10, 1.13)	1.0 (ref)	1.11 (1.10, 1.13)	1.0 (ref)	1.35 (1.20, 1.53)	1.0 (ref)

\*Abbreviations: CI, confidence interval; HR, hazard ratio; HR adjusted for race, region of residence, allergic rhinitis, asthma, IBS, eczema, chronic low back pain, fatigue, vitamin D deficiency, chronic headaches/migraines, thyroid disease, hypothyroidism, diabetes mellitus type 2, hyperlipidemia, hypertension, fibromyalgia, live birth, and use of antihypertensives, corticosteroids, non-opioid analgesics, opioid analgesic, combined hormonal contraceptives, statins, oral progestin, depot medroxyprogesterone acetate (DMPA), or progestogen-releasing intrauterine system (IUD).

Supplemental Table 6. Association between uterine fibroids and incidence of adverse mental health outcomes, stratified by age

	Depression		Anxiety		Self-Directed Violence	
	Uterine Fibroids	No Uterine Fibroids	Uterine Fibroids	No Uterine Fibroids	Uterine Fibroids	No Uterine Fibroids
<b>Age &lt;30</b>						
N	21,272	38,667	21,272	38,667	21,272	38,667
Events, N	1,751	2,828	2,169	3,960	44	48
Rate per 1,000 person-years	39.1	33.7	49.3	48.3	0.9	0.5
Age-matched HR (95% CI)*	1.16 (1.09, 1.23)	1.0 (ref)	1.02 (0.97, 1.07)	1.0 (ref)	1.71 (1.14, 2.57)	1.0 (ref)
Adjusted HR (95% CI) †	1.17 (1.10, 1.24)	1.0 (ref)	1.05 (1.00, 1.11)	1.0 (ref)	1.47 (0.96, 2.27)	1.0 (ref)
<b>Age 30-39</b>						
N	107,845	207,887	107,845	207,887	107,845	207,887
Events, N	9,263	16,076	11,893	21,495	197	221
Rate per 1,000 person-years	34.3	30.4	45.0	41.6	0.7	0.4
Age-matched HR (95% CI)	1.13 (1.10, 1.16)	1.0 (ref)	1.08 (1.06, 1.11)	1.0 (ref)	1.73 (1.43, 2.09)	1.0 (ref)
Adjusted HR (95% CI) †	1.11 (1.08, 1.14)	1.0 (ref)	1.09 (1.07, 1.12)	1.0 (ref)	1.48 (1.21, 1.81)	1.0 (ref)
<b>Age ≥40</b>						
N	184,637	380,985	184,637	380,985	184,637	380,985
Events, N	15,157	27,199	19,941	35,228	268	347
Rate per 1,000 person-years	28.5	26.1	38.3	34.3	0.5	0.3
Age-matched HR (95% CI)	1.10 (1.08, 1.13)	1.0 (ref)	1.12 (1.10, 1.14)	1.0 (ref)	1.50 (1.28, 1.76)	1.0 (ref)
Adjusted HR (95% CI) †	1.11 (1.08, 1.13)	1.0 (ref)	1.13 (1.11, 1.15)	1.0 (ref)	1.39 (1.18, 1.64)	1.0 (ref)

\*Abbreviations: CI, confidence interval; HR, hazard ratio

†HR adjusted for race, region of residence, allergic rhinitis, asthma, IBS, eczema, chronic low back pain, fatigue, vitamin D deficiency, chronic headaches/migraines, thyroid disease, hypothyroidism, diabetes mellitus type 2, hyperlipidemia, hypertension, fibromyalgia, live birth, and use of antihypertensives, corticosteroids, non-opioid analgesics, opioid analgesic, combined hormonal contraceptives, statins, oral progestin, depot medroxyprogesterone acetate (DMPA), or progestogen-releasing intrauterine system (IUD).

Supplemental Table 7. Association between uterine fibroids and incidence of adverse mental health outcomes, stratified by decade of cohort entry

	Depression		Anxiety		Self-Directed Violence	
	Uterine Fibroids	No Uterine Fibroids	Uterine Fibroids	No Uterine Fibroids	Uterine Fibroids	No Uterine Fibroids
<b>May 1, 2000- December 1, 2010-</b>						
N	181,031	358,777	181,031	358,777	181,031	358,777
Events, N	18,702	33,894	20,962	37,446	297	371
Rate per 1,000 person-years	32.2	30.7	36.6	34.2	0.5	0.3
Age-matched HR (95% CI)*	1.05 (1.03, 1.07)	1.0 (ref)	1.07 (1.05, 1.09)	1.0 (ref)	1.36 (1.17, 1.58)	1.0 (ref)
Adjusted HR (95% CI) †	1.07 (1.05, 1.09)	1.0 (ref)	1.09 (1.07, 1.11)	1.0 (ref)	1.26 (1.08, 1.47)	1.0 (ref)
<b>January 1, 2011 – March 31, 2020</b>						
N	132,723	268,762	132,723	268,762	132,723	268,762
Events, N	7,469	12,209	13,041	23,237	212	245
Rate per 1,000 person-years	28.1	22.2	50.8	43.6	0.8	0.4
Age-matched HR (95% CI)	1.26 (1.22, 1.30)	1.0 (ref)	1.16 (1.13, 1.18)	1.0 (ref)	1.79 (1.48, 2.16)	1.0 (ref)
Adjusted HR (95% CI) †	1.23 (1.19, 1.26)	1.0 (ref)	1.17 (1.14, 1.19)	1.0 (ref)	1.52 (1.25, 1.85)	1.0 (ref)

\*Abbreviations: CI, confidence interval; HR, hazard ratio

†HR adjusted for race, region of residence, allergic rhinitis, asthma, IBS, eczema, chronic low back pain, fatigue, vitamin D deficiency, chronic headaches/migraines, thyroid disease, hypothyroidism, diabetes mellitus type 2, hyperlipidemia, hypertension, fibromyalgia, live birth, and use of antihypertensives, corticosteroids, non-opioid analgesics, opioid analgesic, combined hormonal contraceptives, statins, oral progestin, depot medroxyprogesterone acetate (DMPA), or progestogen-releasing intrauterine system (IUD).