

如{2010: {2011: {'ANPP', 'Desmethyprodine ', 'Mitragynine', 'Nalbuphine'}}}, 代表
2011年使用的药-2010年使用的药, 即 相比2010年来说, 2011年多用了什么药
如2010-2011即2011相比2010年来说 2011年没使用什么药

药的数量

{2010: {2011: 4, 2012: 4, 2013: 4, 2014: 5, 2015: 8, 2016: 27, 2017: 32},
2011: {2010: 3, 2012: 3, 2013: 3, 2014: 3, 2015: 7, 2016: 25, 2017: 30},
2012: {2010: 4, 2011: 4, 2013: 3, 2014: 5, 2015: 7, 2016: 26, 2017: 32},
2013: {2010: 5, 2011: 5, 2012: 4, 2014: 6, 2015: 8, 2016: 26, 2017: 34},
2014: {2010: 5, 2011: 4, 2012: 5, 2013: 5, 2015: 7, 2016: 23, 2017: 29},
2015: {2010: 4, 2011: 4, 2012: 3, 2013: 3, 2014: 3, 2016: 22, 2017: 27},
2016: {2010: 5, 2011: 4, 2012: 4, 2013: 3, 2014: 1, 2015: 4, 2017: 15},
2017: {2010: 6, 2011: 5, 2012: 6, 2013: 7, 2014: 3, 2015: 5, 2016: 11}}

{2010: {2011: {'ANPP', 'Desmethyprodine ', 'Mitragynine', 'Nalbuphine'},
2012: {'Acetyldihydrocodeine',
'Desmethyprodine ',
'Mitragynine',
'Remifentanil'},
2013: {'Desmethyprodine ', 'Hydrocodeinone', 'MT-45', 'Mitragynine'},
2014: {'ANPP',
'Acetyl fentanyl',
'Butyryl fentanyl',
'Levorphanol',
'Mitragynine'},
2015: {'ANPP',
'Acetyl fentanyl',
'Acetyldihydrocodeine',
'Butyryl fentanyl',
'Furanyl fentanyl',
'Hydrocodeinone',
'Mitragynine',
'p-Fluorobutyryl fentanyl'},
2016: {'3-Fluorofentanyl',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'ANPP',
'Acetyl fentanyl',
'Acetyldihydrocodeine',
'Acryl fentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Cyclopropyl fentanyl',
'Fluorobutyryl fentanyl ',

'Fluorofentanyl',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Levorphanol',
'MT-45',
'Mitragynine',
'Tetrahydrofuran fentanyl',
'U-47700',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'o-Fluorofentanyl',
'p-Fluorobutyryl fentanyl',
'p-Fluorofentanyl',
'p-methoxybutyryl fentanyl',
'trans-3-Methylfentanyl'}},
2017: {'3,4-Methylenedioxy U-47700',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'4-Methylfentanyl',
'ANPP',
'Acetyl fentanyl',
'Acryl fentanyl',
'Benzylfentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Mitragynine',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'U-47700',
'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',

'cis-3-methylfentanyl',
'p-Fluorobutyryl fentanyl',
'trans-3-Methylfentanyl']}},

2011: {2010: {'Alphaprodine', 'Butorphanol', 'Dihydromorphone'},

2012: {'Acetyldihydrocodeine', 'Butorphanol', 'Remifentanil'},

2013: {'Butorphanol', 'Hydrocodeinone', 'MT-45'},

2014: {'Acetyl fentanyl', 'Butyryl fentanyl', 'Levorphanol'},

2015: {'Acetyl fentanyl',
'Acetyldihydrocodeine',

'Butorphanol',

'Butyryl fentanyl',

'Furanyl fentanyl',

'Hydrocodeinone',

'p-Fluorobutyryl fentanyl'},

2016: {'3-Fluorofentanyl',

'3-Methylfentanyl',

'4-Fluoroisobutyryl fentanyl',

'Acetyl fentanyl',

'Acetyldihydrocodeine',

'Acryl fentanyl',

'Butyryl fentanyl',

'Carfentanil',

'Cyclopropyl fentanyl',

'Fluorobutyryl fentanyl ',

'Fluorofentanyl',

'Fluoroisobutyryl fentanyl',

'Furanyl fentanyl',

'Furanyl/3-Furanyl fentanyl',

'Levorphanol',

'MT-45',

'Tetrahydrofuran fentanyl',

'U-47700',

'Valeryl fentanyl',

'cis-3-methylfentanyl',

'o-Fluorofentanyl',

'p-Fluorobutyryl fentanyl',

'p-Fluorofentanyl',

'p-methoxybutyryl fentanyl',

'trans-3-Methylfentanyl']},

2017: {'3,4-Methylenedioxy U-47700',

'3-Methylfentanyl',

'4-Fluoroisobutyryl fentanyl',

'4-Methylfentanyl',

'Acetyl fentanyl',

'Acryl fentanyl',

'Benzylfentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'U-47700',
'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'p-Fluorobutyryl fentanyl',
'trans-3-Methylfentanyl']},

2012: {'2010: {'Acetylcodeine', 'Alphaprodine', 'Dihydromorphone', 'Thebaine'},

2011: {'ANPP', 'Acetylcodeine', 'Nalbuphine', 'Thebaine'},

2013: {'Acetylcodeine', 'Hydrocodeinone', 'MT-45'},

2014: {'ANPP',

'Acetyl fentanyl',

'Acetylcodeine',

'Butyryl fentanyl',

'Levorphanol'},

2015: {'ANPP',

'Acetyl fentanyl',

'Butyryl fentanyl',

'Furanyl fentanyl',

'Hydrocodeinone',

'Thebaine',

'p-Fluorobutyryl fentanyl'],

2016: {'3-Fluorofentanyl',

'3-Methylfentanyl',

'4-Fluoroisobutyryl fentanyl',

'ANPP',

'Acetyl fentanyl',

'Acetylcodeine',

'Acryl fentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Cyclopropyl fentanyl',
'Fluorobutyryl fentanyl ',
'Fluorofentanyl',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Levorphanol',
'MT-45',
'Tetrahydrofuran fentanyl',
'U-47700',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'o-Fluorofentanyl',
'p-Fluorobutyryl fentanyl',
'p-Fluorofentanyl',
'p-methoxybutyryl fentanyl',
'trans-3-Methylfentanyl'},
2017: {'3,4-Methylenedioxy U-47700',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'4-Methylfentanyl',
'ANPP',
'Acetyl fentanyl',
'Acryl fentanyl',
'Benzylfentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'Thebaine',
'U-47700',

'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'p-Fluorobutyryl fentanyl',
'trans-3-Methylfentanyl']}},

2013: {2010: {'Alphaprodine',
'Dihydrocodeine',
'Dihydromorphone',
'Pethidine',
'Thebaine'},

2011: {'ANPP', 'Dihydrocodeine', 'Nalbuphine', 'Pethidine', 'Thebaine'},

2012: {'Acetyldihydrocodeine',
'Dihydrocodeine',
'Pethidine',
'Remifentanil'},

2014: {'ANPP',
'Acetyl fentanyl',
'Butyryl fentanyl',
'Dihydrocodeine',
'Levorphanol',
'Pethidine'},

2015: {'ANPP',
'Acetyl fentanyl',
'Acetyldihydrocodeine',
'Butyryl fentanyl',
'Furanyl fentanyl',
'Pethidine',
'Thebaine',
'p-Fluorobutyryl fentanyl'},

2016: {'3-Fluorofentanyl',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'ANPP',
'Acetyl fentanyl',
'Acetyldihydrocodeine',
'Acryl fentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Cyclopropyl fentanyl',
'Dihydrocodeine',
'Fluorobutyryl fentanyl ',
'Fluorofentanyl',
'Fluoroisobutyryl fentanyl',

'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Levorphanol',
'Tetrahydrofuran fentanyl',
'U-47700',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'o-Fluorofentanyl',
'p-Fluorobutyryl fentanyl',
'p-Fluorofentanyl',
'p-methoxybutyryl fentanyl',
'trans-3-Methylfentanyl'}},
2017: {'3,4-Methylenedioxy U-47700',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'4-Methylfentanyl',
'ANPP',
'Acetyl fentanyl',
'Acryl fentanyl',
'Benzylfentanyl',
'Butyryl fentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Dihydrocodeine',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Pethidine',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'Thebaine',
'U-47700',
'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'p-Fluorobutyryl fentanyl',

'trans-3-Methylfentanyl'}},

2014: {2010: {'Alphaprodine',

'Butorphanol',

'Dihydromorphone',

'Opiates',

'Thebaine'},

2011: {'Desmethylprodine ', 'Nalbuphine', 'Opiates', 'Thebaine'},

2012: {'Acetyldihydrocodeine',

'Butorphanol',

'Desmethylprodine ',

'Opiates',

'Remifentanil'},

2013: {'Butorphanol',

'Desmethylprodine ',

'Hydrocodeinone',

'MT-45',

'Opiates'},

2015: {'Acetyldihydrocodeine',

'Butorphanol',

'Furanyl fentanyl',

'Hydrocodeinone',

'Opiates',

'Thebaine',

'p-Fluorobutyryl fentanyl'},

2016: {'3-Fluorofentanyl',

'3-Methylfentanyl',

'4-Fluoroisobutyryl fentanyl',

'Acetyldihydrocodeine',

'Acryl fentanyl',

'Carfentanil',

'Cyclopropyl fentanyl',

'Fluorobutyryl fentanyl ',

'Fluorofentanyl',

'Fluoroisobutyryl fentanyl',

'Furanyl fentanyl',

'Furanyl/3-Furanyl fentanyl',

'MT-45',

'Opiates',

'Tetrahydrofuran fentanyl',

'U-47700',

'Valeryl fentanyl',

'cis-3-methylfentanyl',

'o-Fluorofentanyl',

'p-Fluorobutyryl fentanyl',

'p-Fluorofentanyl',

'p-methoxybutyryl fentanyl',
'trans-3-Methylfentanyl'}},
2017: {'3,4-Methylenedioxy U-47700',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'4-Methylfentanyl',
'Acryl fentanyl',
'Benzylfentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'Thebaine',
'U-47700',
'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'p-Fluorobutyryl fentanyl',
'trans-3-Methylfentanyl'}}},

2015: {'2010: {'Acetylcodeine',
'Alphaprodine',
'Dihydrocodeine',
'Dihydromorphone'}},

2011: {'Acetylcodeine', 'Desmethylprodine ', 'Dihydrocodeine', 'Nalbuphine'},

2012: {'Desmethylprodine ', 'Dihydrocodeine', 'Remifentanil'},

2013: {'Acetylcodeine', 'Desmethylprodine ', 'MT-45'},

2014: {'Acetylcodeine', 'Dihydrocodeine', 'Levorphanol'},

2016: {'3-Fluorofentanyl',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'Acetylcodeine',
'Acryl fentanyl',
'Carfentanil',

'Cyclopropyl fentanyl',
'Dihydrocodeine',
'Fluorobutyryl fentanyl ',
'Fluorofentanyl',
'Fluoroisobutyryl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Levorphanol',
'MT-45',
'Tetrahydrofuran fentanyl',
'U-47700',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'o-Fluorofentanyl',
'p-Fluorofentanyl',
'p-methoxybutyryl fentanyl',
'trans-3-Methylfentanyl'}},
2017: {'3,4-Methylenedioxy U-47700',
'3-Methylfentanyl',
'4-Fluoroisobutyryl fentanyl',
'4-Methylfentanyl',
'Acryl fentanyl',
'Benzylfentanyl',
'Carfentanil',
'Crotonyl fentanyl',
'Cyclopentyl fentanyl',
'Cyclopropyl fentanyl',
'Cyclopropyl/Crotonyl Fentanyl',
'Dihydrocodeine',
'Fluorobutyryl fentanyl ',
'Fluoroisobutyryl fentanyl',
'Furanyl/3-Furanyl fentanyl',
'Isobutyryl fentanyl',
'Metazocine',
'Methoxyacetyl fentanyl',
'Phenyl fentanyl',
'Tetrahydrofuran fentanyl',
'U-47700',
'U-48800',
'U-49900',
'U-51754',
'Valeryl fentanyl',
'cis-3-methylfentanyl',
'trans-3-Methylfentanyl'}}},
2016: {2010: {'Alphaprodine',
'Butorphanol',

'Dihydromorphone',
'Pethidine',
'Thebaine'},

2011: {'Desmethyprodine ', 'Nalbuphine', 'Pethidine', 'Thebaine'},

2012: {'Butorphanol', 'Desmethyprodine ', 'Pethidine', 'Remifentanil'},

2013: {'Butorphanol', 'Desmethyprodine ', 'Hydrocodeinone'},

2014: {'Pethidine'},

2015: {'Butorphanol', 'Hydrocodeinone', 'Pethidine', 'Thebaine'},

2017: {'3,4-Methylenedioxy U-47700',

'4-Methylfentanyl',

'Benzylfentanyl',

'Crotonyl fentanyl',

'Cyclopentyl fentanyl',

'Cyclopropyl/Crotonyl Fentanyl',

'Isobutyryl fentanyl',

'Metazocine',

'Methoxyacetyl fentanyl',

'Pethidine',

'Phenyl fentanyl',

'Thebaine',

'U-48800',

'U-49900',

'U-51754'}},

2017: {2010: {'Acetylcodeine',

'Alphaprodine',

'Butorphanol',

'Dextropropoxyphene',

'Dihydromorphone',

'Opiates'},

2011: {'Acetylcodeine',

'Desmethyprodine ',

'Dextropropoxyphene',

'Nalbuphine',

'Opiates'},

2012: {'Acetyldihydrocodeine',

'Butorphanol',

'Desmethyprodine ',

'Dextropropoxyphene',

'Opiates',

'Remifentanil'},

2013: {'Acetylcodeine',

'Butorphanol',

'Desmethyprodine ',

'Dextropropoxyphene',

'Hydrocodeinone',

'MT-45',
'Opiates'},
2014: {'Acetylcodeine', 'Dextropropoxyphene', 'Levorphanol'},
2015: {'Acetyldihydrocodeine',
'Butorphanol',
'Dextropropoxyphene',
'Hydrocodeinone',
'Opiates'},
2016: {'3-Fluorofentanyl',
'Acetylcodeine',
'Acetyldihydrocodeine',
'Dextropropoxyphene',
'Fluorofentanyl',
'Levorphanol',
'MT-45',
'Opiates',
'o-Fluorofentanyl',
'p-Fluorofentanyl',
'p-methoxybutyryl fentanyl'}}}