The Beatles use a minor mediant chord (iii) 282 times in 46 songs:

[4] 'Ask Me Why'

iii: 13 <u>approach</u>: ii x9, IV x4 <u>progress</u>: Ø x1, ii x6, IV x6

[5] 'There's A Place'

iii: 2 <u>approach</u>: V x2 <u>progress</u>: IV x2

[7] 'Do You Want To Know A Secret'

iii: 15 <u>approach</u>: I x15 <u>progress</u>: biii x15

[12] 'She Loves You'

iii: 6 <u>approach</u>: vi x6 <u>progress</u>: V x6

[13e] 'Till There Was You'

iii: 5 <u>approach</u>: I x5 <u>progress</u>: biii x5

[19] 'Not A Second Time'

iii: 6 <u>approach</u>: ii x6 <u>progress</u>: I x3, V x3

[23] 'Can't Buy Me Love'

iii: 8 <u>approach</u>: Ø x1, I x5, vi x2 <u>progress</u>: vi x8

[24] 'You Can't Do That'

iii: 4 <u>approach</u>: ii x4 <u>progress</u>: I x2, V x2

[28] 'If I Fell'

iii: 8 <u>approach</u>: ii x8 <u>progress</u>: biii° x8

[29] 'I'm Happy Just To Dance With You'

iii: 8 <u>approach</u>: I x8 <u>progress</u>: ii x8

[31] 'A Hard Day's Night'

iii: 4 <u>approach</u>: I x2, vi x2 <u>progress</u>: I x2, vi x2

[32] 'I'll Cry Instead'

iii: 2 <u>approach</u>: I x2 <u>progress</u>: II x2

[33] 'I'll Be Back'

iii: 1 <u>approach</u>: ii x1 <u>progress</u>: vi x1

[34] 'Any Time At All'

iii: 4 <u>approach</u>: I x4 <u>progress</u>: vi x4

[42] 'No Reply'

iii: 7 <u>approach</u>: IV x3, vi x4 <u>progress</u>: ii x1, IV x6

[44] 'She's A Woman'

iii: 4 <u>approach</u>: I x2, VI x2 <u>progress</u>: IV x2, VI x2

[45] 'I Feel Fine'

iii: 4 <u>approach</u>: I x4 <u>progress</u>: ii x2, IV x2

[49] 'I Need You'

iii: 4 <u>approach</u>: vi x4 <u>progress</u>: vi x4

[50] 'Yes It Is'

iii: 2 <u>approach</u>: V x2 <u>progress</u>: Ø x2

[51] 'The Night Before'

iii: 2 <u>approach</u>: I x2 <u>progress</u>: Ø x2

[52] 'You Like Me Too Much'

iii: 6 <u>approach</u>: I x4, II x2 <u>progress</u>: II x2, V x4

[55] 'You're Going to Lose That Girl'

iii: 8 <u>approach</u>: I x8 <u>progress</u>: ii x8

[56] 'Help!'

iii: 6 <u>approach</u>: I x6 <u>progress</u>: vi x6

[60] 'It's Only Love'

iii: 4 <u>approach</u>: I x4 <u>progress</u>: bVII x4

[69] 'Nowhere Man'

iii: 9 <u>approach</u>: I x3, IV x6 <u>progress</u>: IV x9

[76] 'Girl'

iii: 9 <u>approach</u>: I x9 <u>progress</u>: ii x9

[78] 'Got To Get You Into My Life'

iii: 3 <u>approach</u>: bVII x3 <u>progress</u>: IV x3

[83] 'And Your Bird Can Sing'

iii: 2 <u>approach</u>: I x2 <u>progress</u>: I x2

[85] 'I'm Only Sleeping'

iii: 4 <u>approach</u>: ii x4 <u>progress</u>: ii x4

[91] 'Here There And Everywhere'

iii: 11 <u>approach</u>: I x1, ii x10 <u>progress</u>: bIII x1, IV x10

[96] 'A Day in the Life'

iii: 9 <u>approach</u>: I x9 <u>progress</u>: vi x9

[103] 'Lucy in the Sky With Diamonds'

iii: 2 <u>approach</u>: Ø x2 <u>progress</u>: V x2

[104] 'Getting Better'

iii: 10 <u>approach</u>: ii x10 <u>progress</u>: IV x10

[112] 'You Know My Name (Look Up The Number)'

iii: 4 <u>approach</u>: I x4 <u>progress</u>: IV x4

[123] 'Across the Universe'

iii: 6 approach: vi x6

progress: ii x6

[130] 'Good Night'

iii: 15 <u>approach</u>: I x9, ii x6 <u>progress</u>: ii x15

[135] 'Sexy Sadie'

iii: 11 <u>approach</u>: ii x4, VII x7 <u>progress</u>: IV x11

[136] 'While My Guitar Gently Weeps'

iii: 8 <u>approach</u>: I x4, vi x4 <u>progress</u>: ii x4, vi x4

[144] 'Glass Onion'

F MAJOR:

iii: 10 <u>approach</u>: Ø x1, I x6, II x3 <u>progress</u>: I x7, ii x3

[145] 'I Will'

iii: 6 <u>approach</u>: IV x3, vi x3 <u>progress</u>: I x3, vi x3

[151] 'Martha My Dear'

iii: 4 <u>approach</u>: VII x4 <u>progress</u>: VI x4

[152] 'Long Long Long'

iii: 3 <u>approach</u>: IV x3 <u>progress</u>: ii x3

[156] 'Julia'

iii: 12 <u>approach</u>: I x2, vi x10 <u>progress</u>: I x5, V x7

[161] 'Two of Us'

iii: 2 <u>approach</u>: I x2 <u>progress</u>: vi x2

[165] 'The Long and Winding Road'

iii: 8 <u>approach</u>: IV x8 <u>progress</u>: vi x8

[181] 'Sun King'

iii: 1 <u>approach</u>: I x1 <u>progress</u>: I x1 Their approach and progress break down as follows:

APPROACH:

Ø: 4 instances (1.4%) in 4 songs

- x1 [23] 'Can't Buy Me Love'
- x2 [103] 'Lucy in the Sky With Diamonds'
- x1 [144] 'Glass Onion' (F major)

I: 123 instances (43.6%) in 26 songs

- x15 [7] 'Do You Want To Know A Secret'
- x5 [13e] 'Till There Was You'
- x5 [23] 'Can't Buy Me Love'
- x8 [29] 'I'm Happy Just To Dance With You'
- x2 [31] 'A Hard Day's Night'
- x2 [32] 'I'll Cry Instead'
- x4 [34] 'Any Time At All'
- x2 [44] 'She's A Woman'
- x4 [45] 'I Feel Fine'
- x2 [51] 'The Night Before'
- x4 [52] 'You Like Me Too Much'
- x8 [55] 'You're Going to Lose That Girl'
- x6 [56] 'Help!'
- x4 [60] 'It's Only Love'
- x3 [69] 'Nowhere Man'
- x9 [76] 'Girl'
- x2 [83] 'And Your Bird Can Sing'
- x1 [91] 'Here There And Everywhere'
- x9 [96] 'A Day in the Life'
- x4 [112] 'You Know My Name (Look Up The Number)'
- x9 [130] 'Good Night'
- x4 [136] 'While My Guitar Gently Weeps'
- x6 [144] 'Glass Onion' (F major)
- x2 [156] 'Julia'
- x2 [161] 'Two of Us'
- x1 [181] 'Sun King'

II: 5 instances (1.8%) in 2 songs

- x2 [52] 'You Like Me Too Much'
- x3 [144] 'Glass Onion' (F major)

ii: 62 instances (22.0%) in 10 songs

- x9 [4] 'Ask Me Why'
- x6 [19] 'Not A Second Time'
- x4 [24] 'You Can't Do That'

- x8 [28] 'If I Fell'
- x1 [33] 'I'll Be Back'
- x4 [85] 'I'm Only Sleeping'
- x10 [91] 'Here There And Everywhere'
- x10 [104] 'Getting Better'
- x6 [130] 'Good Night'
- x4 [135] 'Sexy Sadie'

IV: 27 instances (9.6%) in 6 songs

- x4 [4] 'Ask Me Why'
- x3 [42] 'No Reply'
- x6 [69] 'Nowhere Man'
- x3 [145] 'I Will'
- x3 [152] 'Long Long Long'
- x8 [165] 'The Long and Winding Road'

V: 4 instances (1.4%) in 2 songs

- x2 [5] 'There's A Place'
- x2 [50] 'Yes It Is'

VI: 2 instances (0.7%) in 1 song

• x2 [44] 'She's A Woman'

vi: 41 instances (14.5%) in 9 songs

- x6 [12] 'She Loves You'
- x2 [23] 'Can't Buy Me Love'
- x2 [31] 'A Hard Day's Night'
- x4 [42] 'No Reply'
- x4 [49] 'I Need You'
- x6 [123] 'Across the Universe'
- x4 [136] 'While My Guitar Gently Weeps'
- x3 [145] 'I Will'
- x10 [156] 'Julia'

bVII: 3 instances (1.1%) in 1 song

• x3 [78] 'Got To Get You Into My Life'

VII: 11 instances (3.9%) in 2 songs

- x7 [135] 'Sexy Sadie'
- x4 [151] 'Martha My Dear'

PROGRESS:

Ø: 5 instances (1.8%) in 2 songs

- x1 [4] 'Ask Me Why'
- x2 [50] 'Yes It Is'
- x2 [51] 'The Night Before'

I: 25 instances (8.9%) in 8 songs

- x3 [19] 'Not A Second Time'
- x2 [24] 'You Can't Do That'
- x2 [31] 'A Hard Day's Night'
- x2 [83] 'And Your Bird Can Sing'
- x7 [144] 'Glass Onion' (F major)
- x3 [145] 'I Will'
- x5 [156] 'Julia'
- x1 [181] 'Sun King'

II: 4 instances (1.4%) in 2 songs

- x2 [32] 'I'll Cry Instead'
- x2 [52] 'You Like Me Too Much'

ii: 69 instances (24.5%) in 12 songs

- x6 [4] 'Ask Me Why'
- x8 [29] 'I'm Happy Just To Dance With You'
- x1 [42] 'No Reply'
- x2 [45] 'I Feel Fine'
- x8 [55] 'You're Going to Lose That Girl'
- x9 [76] 'Girl'
- x4 [85] 'I'm Only Sleeping'
- x6 [123] 'Across the Universe'
- x15 [130] 'Good Night'
- x4 [136] 'While My Guitar Gently Weeps'
- x3 [144] 'Glass Onion' (F major)
- x3 [152] 'Long Long Long'

bIII: 1 instance (0.4%) in 1 song

• x1 [91] 'Here There And Everywhere'

biii: 20 instances (7.1%) in 2 songs

- x15 [7] 'Do You Want To Know A Secret'
- x5 [13e] 'Till There Was You'

biiiº: 8 instances (2.8%) in 1 songs

• x8 [28] 'If I Fell'

IV: 65 instances (23.0%) in 11 songs

- x6 [4] 'Ask Me Why'
- x2 [5] 'There's A Place'

- x6 [42] 'No Reply'
- x2 [44] 'She's A Woman'
- x2 [45] 'I Feel Fine'
- x9 [69] 'Nowhere Man'
- x3 [78] 'Got To Get You Into My Life'
- x10 [91] 'Here There And Everywhere'
- x10 [104] 'Getting Better'
- x4 [112] 'You Know My Name (Look Up The Number)'
- x11 [135] 'Sexy Sadie'

V: 24 instances (8.5%) in 6 songs

- x6 [12] 'She Loves You'
- x3 [19] 'Not A Second Time'
- x2 [24] 'You Can't Do That'
- x4 [52] 'You Like Me Too Much'
- x2 [103] 'Lucy in the Sky With Diamonds'
- x7 [156] 'Julia'

VI: 6 instances (2.1%) in 2 songs

- x2 [44] 'She's A Woman'
- x4 [151] 'Martha My Dear'

vi: 51 instances (18.1%) in 11 songs

- x8 [23] 'Can't Buy Me Love'
- x2 [31] 'A Hard Day's Night'
- x1 [33] 'I'll Be Back'
- x4 [34] 'Any Time At All'
- x4 [49] 'I Need You'
- x6 [56] 'Help!'
- x9 [96] 'A Day in the Life'
- x4 [136] 'While My Guitar Gently Weeps'
- x3 [145] 'I Will'
- x2 [161] 'Two of Us'
- x8 [165] 'The Long and Winding Road'

bVII: 4 instances (1.4%) in 1 song

• x4 [60] 'It's Only Love'