

FRAX Release Notes

22.01.24 Release (FRAX 1.4.6)

- Models available for 85 countries (95 models)
- New country added – Costa Rica (surrogate)

02.01.24 Release (FRAX 1.4.5)

- Models available for 84 countries (94 models)
- New country added – Egypt
- Original FRAX web version (<https://frax.shef.ac.uk/FRAX/>) available in 34 languages

10.05.23 Launch of FRAXplus platform (www.fraxplus.org)

- Additional features include the ability to set up a FRAX account (to store FRAX calculation parameters and results) as well as undertake potential post FRAX adjustments (using paid for credits). Adjustments include:
 - Recency and site of fracture within past two years
 - Number of falls in previous year available for 84 countries (94 models)
 - Trabecular Bone Score (TBS)
 - Higher dose of glucocorticoids
 - Duration of type 2 diabetes mellitus
 - Discordance between femoral neck and lumbar spine BMD T-scores
 - Hip axis length
- FRAXplus platform currently only available in English language version

23.01.23 Release (FRAX 1.4.4)

- Now models available for 83 countries (93 models)
- New countries added – Bangladesh (surrogate), Brunei (surrogate), Malaysia (3 models), Myanmar, Peru (surrogate)

23.08.21 Release (FRAX 1.4.3)

- Now models available for 78 countries (86 models)
- New countries added – Botswana, Ethiopia (surrogate), Nepal (surrogate), Qatar, Saudi Arabia.

26.09.20 Release (FRAX 1.4.2)

- Models available for 73 countries (81 models)
- New countries added – Bulgaria, Kazakhstan, Kyrgyzstan, Pakistan (surrogate), Zimbabwe (surrogate), South Africa (4 models), Uzbekistan
- Available in 34 languages – new language added Indonesian

26.04.19 Release (FRAX 1.4.1)

- Models available for 66 countries (71 models)
- New countries added – Serbia, Syria
- Now available in 33 languages (New languages added since v4.0 – Serbian, Norwegian)

15.04.17 Release (FRAX 1.4.0)

- Models available for 64 countries (69 models)
- New country added – Georgia
- Now available in 31 languages (New language added – Georgian)

7.11.16 Release (FRAX 1.3.11)

- Models available for 63 countries (68 models)
- New countries added – Abu Dhabi, Belarus, Iran, Moldova, Ukraine
- Country update – Armenia (converted from surrogate model to country-based model)
- Now available in 30 languages (New languages added – Ukrainian)

7.3.16 Release (FRAX 1.3.10)

- Models available for 58 countries (63models)
- New country added – Kuwait
- Now available in 29 languages (New languages added – Bengali and Farsi)

17.10.14 Release (FRAX 1.3.9)

- Models available for 57 countries (62models)
- New countries added – Croatia, Estonia, Israel and Venezuela
- Now available in 27 languages (New languages added – Croatian and Estonian)

1.5.13 Release (FRAX 1.3.8)

- Now models available for 53 countries (58 models)
- New countries added – Armenia (surrogate model), Brazil, Iceland, Morocco and Thailand
- Updated model for China
- Now available in 25 languages (New languages added – Icelandic, Lithuanian, Portuguese and Thai)
- BMD input from Mindways QCT now incorporated.
- The calculation tool has been rewritten and no longer requires Adobe Flash; it can now work on more Apple devices e.g. the iPad

14.9.12 Release (FRAX 1.3.7)

- New countries added – India (Surrogate model), Palestine (Surrogate model), Portugal
- Updated/revised models - Jordan

18.6.12 Release (FRAX 1.3.6)

- New countries added – Chile, Greece, Indonesia, Ireland, Lithuania
- New languages added (total now 21) – Greek, Dutch, Slovak

10.1.12 Release (FRAX 1.3.5)

- New models added – Ecuador, Norway, Russia, Slovakia, Sri Lanka [surrogate model]
- Updated/revised models – Belgium, Czech Republic, Italy, Lebanon, Turkey

1.9.11 Release (FRAX 1.3.4)

- New languages added (total 18) – Romanian
- Link to FRAX[®] Desktop applications

1.6.11 Release (FRAX 1.3.3)

- New country models added – Czech Republic, Poland, Romania, Tunisia
- Updated/revised model – Turkey
- Now accessible in 17 languages (addition of Czech and Korean).
- Updated FAQs
- Additional scanning manufacturer added (DMS/Medilink)
- Counter of number of individual calculations of fracture risk added to each model and total displayed on front page of website (set to zero at this version). We estimate that

since its launch in April 2008, the FRAX website has been used to calculate the fracture risk of approximately 6 million individuals worldwide.

8.12.10 Release (FRAX 1.3.2)

- Height and weight conversion adds results automatically.
- New countries added - Jordan, Malta, Philippines and Singapore (Chinese, Indian and Malay)
- Now accessible in 15 languages (addition of Arabic and Turkish).

30.6.10 Release (FRAX 1.3.1)

- New countries added - Australia, Canada, Chinese Taipei (Taiwan), Colombia, Denmark, Hungary, Mexico, the Netherlands, and South Korea.
- Now accessible in 13 languages (addition of simplified Chinese, Danish, Finnish, Russian, Swedish and Polish).

07.09.2009 Release (FRAX 1.3.0)

- New country models added - Argentina, Belgium, Finland, Hong Kong, Lebanon and New Zealand
- Update of fracture incidence and mortality rates for US calculation tools based on data provided by NOF (tends to result in lower 10-year probabilities, particularly at younger ages)
- Inclusion of NOF statement about intervention thresholds (specifically provided for the US calculation tools)

20.02.2009 Release (FRAX 1.2.1)

- Re-inclusion of T-Score calculation for BMD, in addition to DXA Manufacturer selection
The T-score is that measured at the femoral neck and should only be directly used for women. In men, the T-score produced by the scanner is derived from male reference data whereas FRAX requires it to be derived from the young female NHANES reference data – this calculation is automatically done by entering the scanning manufacturer and absolute value of femoral neck BMD. The latter tool was derived by the Oregon Osteoporosis Centre and has been incorporated within FRAX.

21.01.2009 Release (FRAX 1.2.0)

- New models (Austria, Germany and Switzerland)
- Addition of German Language
- Replacement of T-Score and Z-Score with DXA Manufacturer selection
- Weight and height conversion calculation provided

10.04.2008 Release (FRAX 1.1.0)

- Models included for China, France, Italy, Japan, Spain, Sweden, Turkey, UK, USA (4 ethnicity models)
- Languages included (English, Chinese (traditional), French, Italian, Spanish and Japanese)