Data obtained on **28-August 2018** from United Nations Treaty Collection, Multilateral Treaties Deposited with the Secretary-General (MTDSG): <https://treaties.un.org>

|  |  |
| --- | --- |
| Variable name | Explanation |
| **treaty\_code** | Depository’s treaty code; for all treaties included in the MTSDSG treaty\_code = mtdsg |
| **mtdsg** | Treaty code in MTSDSG |
| **chapter** | MTSDSG chapter number |
| **chapter\_title** | MTSDSG treaty chapter title |
| **section** | MTSDSG section number |
| **treaty\_name** | Treaty title |
| **treaty\_year** | Year of adoption |
| **adoption\_date** | Date of adoption |
| **location** | Place where the treaty was adopted |
| **entry\_force\_date** | Date of entry into force; format: 24-Oct-1945 |
| **entry\_force\_binary** | 0 = not entered into force  1 = entered into force |
| **registration\_date** | Registration date; format: 24-Oct-1945 |
| **url** | URL of MTSDSG treaty status page |
| **country\_name** | Country name |
| **country\_note\_url** | URL of notes that states placed on a treaty, such as observations and reservations |
| **country\_note\_bin** | This variable records whether a state placed a note (based on country\_note\_url)  0 = no note  1 = note  This is a proxy for whether reservations where entered although, due to the crude nature of country\_note\_url it includes other notes as well. |
| **country\_iso3c** | Country code (ISO 3166-1 alpha-3) |
| **country\_iso\_name** | Country name according to ISO 3166 |
| **region\_wdi** | World region according to World Bank’s World Development Indicators (WDI) |
| **action\_type\_string** | Treaty action as recorded in MTSDSG |
| **action\_date** | Treaty action date; format: 24-Oct-1945 |
| **treaty\_action\_string\_code** | Treaty action code (1-55) that details all types of treaty actions currently registered in the MTSDG (see Table 1) |
| **treaty\_action\_category** | 1 = Acceptance and approval[[1]](#footnote-1)  2 = Accession[[2]](#footnote-2)  3 = Application[[3]](#footnote-3)  4 = Ratification[[4]](#footnote-4)  5 = Signature[[5]](#footnote-5)  6 = Succession[[6]](#footnote-6)  7 = Other |
| **iatp** | Institute for Agriculture and Trade Policy (IATP) treaty database; sample of 43 important multilateral agreements used by Milewicz and Snidal “Cooperation by Treaty” (*International Organization*, 2016). |
| **c\_by\_t\_sample** | Extension of the IATP sample from 43 to 66 multilateral treaties from Milewicz and Snidal “Cooperation by Treaty” (*International Organization*, 2016). Criteria for inclusion: “key multilateral treaties” (p.831) that are (a) binding agreements requiring explicit state consent through ratification; (b) “involve substantive additions to existing international law”; and (c) that are global both in terms of UN membership and geographic scope. |
| **entry\_force\_threshold\_binary** | Is there a threshold in place?  0 = No  1= Yes |
| **entry\_force\_threshold\_expl** | Text of treaty provision specifying entry-into-force threshold |
| **threshold\_1\_number** | Numerical threshold. For example, Art. 17(1) of the *Vienna Convention for the Protection of the Ozone Layer* states that “'This Convention shall enter into force the ninetieth day after the date of deposit of the twentieth instrument of ratification, acceptance, approval or accession”. In this case, threshold\_1\_number = 20.  Agreements may also specify that a threshold is linked the action of a proportion of signatories (parties, etc.) of this or another agreement. In these cases, the number is calculated based on the relevant number of states at time of adoption (fraction are rounded up to whole numbers). |
| **threshold\_2\_time** | Days until a treaty will enter into force once other threshold criteria are met; For example, Art. 17(1) of the *Vienna Convention for the Protection of the Ozone Layer* states that “'This Convention shall enter into force the ninetieth day after the date of deposit of the twentieth instrument of ratification, acceptance, approval or accession”. In this case, threshold\_2\_time = 90.  1 month = 30; 1 year = 365. |
| **threshold\_3\_qualified** | Does the treaty specify any particular state (or special category, such as “nuclear power”) that must ratify the agreement for it to enter into force? (see also, COIL 5-5A-5.).  0 = No  1 = Yes |
| **threshold\_3\_qualified\_expl** | Which countries (or category of countries) must ratify the treaty for it to enter into force? |
| **treaty\_reservations** | Does the treaty explicitly prohibit the entering of reservations?  0 = No  1 = Yes |
| **country\_reservations** | Has a state entered a reservation to the treaty? (based on **country\_note\_bin** if treaty included in MTSDSG).  0 = No  1 = Yes |

**Graph 1: Distribution of treaty actions (only observations with registered actions)**

**Table 1: Distribution of treaty actions**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **treaty\_action\_string** | **treaty\_action\_string\_code** | **treaty\_action\_category** | **Freq (total)** | **Percent of total** | **Freq (no missing)** | **Percent of total (no missing)** |
| Acceptance | 1 | 1 | 13,359 | 11.11 | 3,278 | 8.89 |
| Acceptance ipso facto by virtue of article 10 (1) of the Convention of 12 September 1923, as amended | 2 | 1 | 115 | 0.1 | 1 | 0 |
| Acceptance of the Protocol | 3 | 1 | 529 | 0.44 | 0 | 0 |
| Accession | 4 | 2 | 19,233 | 16 | 8,010 | 21.73 |
| Accession to the Agreement as amended by the Protocol | 5 | 2 | 115 | 0.1 | 11 | 0.03 |
| Accession to the Convention as amended | 6 | 2 | 308 | 0.26 | 59 | 0.16 |
| Accession to the Convention as amended by the Protocol | 7 | 2 | 215 | 0.18 | 25 | 0.07 |
| Application | 8 | 3 | 1,654 | 1.38 | 1,654 | 4.49 |
| Application of regulation | 9 | 3 | 5,567 | 4.63 | 5,106 | 13.85 |
| Approval | 10 | 1 | 9,009 | 7.49 | 235 | 0.64 |
| Confirmation of signature | 11 | 7 | 35 | 0.03 | 0 | 0 |
| Confirmation of signature ad referendum | 12 | 7 | 71 | 0.06 | 2 | 0.01 |
| Consent to be bound | 13 | 7 | 559 | 0.46 | 368 | 1 |
| Definitive acceptance | 14 | 1 | 46 | 0.04 | 42 | 0.11 |
| Definitive signature | 15 | 1 | 2,434 | 2.02 | 325 | 0.88 |
| Definitive signature of the Protocol | 16 | 1 | 529 | 0.44 | 311 | 0.84 |
| Definitive signature or acceptance of the Protocol | 17 | 1 | 26 | 0.02 | 19 | 0.05 |
| Definitive signature or participation in the Convention and the Protocol | 18 | 1 | 99 | 0.08 | 54 | 0.15 |
| Extension | 19 | 7 | 8 | 0.01 | 0 | 0 |
| Formal confirmation | 20 | 7 | 1,386 | 1.15 | 11 | 0.03 |
| Notification in respect of the Agreement as amended | 21 | 7 | 16 | 0.01 | 4 | 0.01 |
| Notification of non-provisional application under article 7 (1) | 22 | 7 | 167 | 0.14 | 0 | 0 |
| Notification under article 21 (1) | 23 | 7 | 71 | 0.06 | 0 | 0 |
| Notification under article 25 | 24 | 7 | 181 | 0.15 | 124 | 0.34 |
| Participation | 25 | 7 | 118 | 0.1 | 6 | 0.02 |
| Participation by virtue of accession to the Protocol of 11 April 1980 | 26 | 7 | 23 | 0.02 | 9 | 0.02 |
| Participation in the Agreement as amended under paragraph 4 of resolution 05-79 and paragraph 1 of article 60 of the unamended Agreement | 27 | 7 | 77 | 0.06 | 0 | 0 |
| Participation in the Convention by virtue of ratification, accession or succession to the Protocol of 25 March 1972 or to the 1961 Convention after the entry into force of the Protocol | 28 | 7 | 186 | 0.15 | 140 | 0.38 |
| Participation under article XI of the Protocol of 11 April 1980 | 29 | 7 | 36 | 0.03 | 8 | 0.02 |
| Participation under articles 3 (2) and (3) | 30 | 7 | 48 | 0.04 | 0 | 0 |
| Provisional acceptance | 31 | 7 | 30 | 0.02 | 12 | 0.03 |
| Provisional acceptance/accession | 32 | 7 | 12 | 0.01 | 0 | 0 |
| Provisional application | 33 | 7 | 421 | 0.35 | 74 | 0.2 |
| Provisional application by virtue of a notification | 34 | 7 | 167 | 0.14 | 0 | 0 |
| Provisional application by virtue of signature, adoption of the Agreement or accession thereto | 35 | 7 | 167 | 0.14 | 120 | 0.33 |
| Provisional application of the Agreement as amended and extended | 36 | 7 | 12 | 0.01 | 1 | 0 |
| Provisional application under article 23 | 37 | 7 | 135 | 0.11 | 22 | 0.06 |
| Ratification | 38 | 4 | 19,737 | 16.42 | 5,269 | 14.29 |
| Ratification of the Agreement as amended by the Protocol | 39 | 4 | 57 | 0.05 | 0 | 0 |
| Ratification of the Convention and the Protocol | 40 | 4 | 91 | 0.08 | 0 | 0 |
| Ratification of the Convention as amended | 41 | 4 | 226 | 0.19 | 10 | 0.03 |
| Ratification of the Convention as amended by the Protocol | 42 | 4 | 84 | 0.07 | 2 | 0.01 |
| Signature | 43 | 5 | 18,757 | 15.6 | 9,771 | 26.5 |
| Signature ad referendum | 44 | 5 | 106 | 0.09 | 7 | 0.02 |
| Signature by non-regional members under Section 3 of resolution 07-79 | 45 | 5 | 77 | 0.06 | 0 | 0 |
| Simplified procedure | 46 | 7 | 167 | 0.14 | 16 | 0.04 |
| Succession | 47 | 6 | 20,900 | 17.38 | 1,566 | 4.25 |
| Succession to signature | 48 | 6 | 1,765 | 1.47 | 40 | 0.11 |
| Succession to the Agreement and the Protocol | 49 | 6 | 115 | 0.1 | 0 | 0 |
| Succession to the Agreement as amended by the Protocol | 50 | 6 | 115 | 0.1 | 39 | 0.11 |
| Succession to the Convention and the Protocol | 51 | 6 | 285 | 0.24 | 0 | 0 |
| Succession to the Convention as amended | 52 | 6 | 272 | 0.23 | 70 | 0.19 |
| Succession to the Convention as amended by the Protocol | 53 | 6 | 184 | 0.15 | 43 | 0.12 |
| Succession to the Protocol | 54 | 6 | 77 | 0.06 | 0 | 0 |
| Undertaking of provisional application in accordance with article 31 | 55 | 7 | 48 | 0.04 | 1 | 0 |
|  |  |  |  |  |  |  |
| Total |  |  | 120,227 | 100 | 36,865 | 100 |

1. UN treaty glossary: **Acceptance**: “The instruments of "acceptance" or "approval" of a treaty have the same legal effect as ratification and consequently express the consent of a state to be bound by a treaty. In the practice of certain states acceptance and approval have been used instead of ratification when, at a national level, constitutional law does not require the treaty to be ratified by the head of state. [Arts.2 (1) (b) and 14 (2), Vienna Convention on the Law of Treaties 1969]” (Glossary of the United Nations Treaties Collection [UN Glossary]: <https://treaties.un.org/pages/overview.aspx?path=overview/glossary/page1_en.xml> [17-04-2019]. [↑](#footnote-ref-1)
2. **Accession** = “Accession" is the act whereby a state accepts the offer or the opportunity to become a party to a treaty already negotiated and signed by other states. It has the same legal effect as ratification. Accession usually occurs after the treaty has entered into force […] [Arts.2 (1) (b) and 15, Vienna Convention on the Law of Treaties 1969]” (UN Glossary). [↑](#footnote-ref-2)
3. **Application** = Equivalent to acceptance (Aust, A. 2007. Modern Treaty Law and Practice (2nd ed.). New York: Cambridge University Press, 110). [↑](#footnote-ref-3)
4. **Ratification** = “Ratification defines the international act whereby a state indicates its consent to be bound to a treaty if the parties intended to show their consent by such an act. In the case of bilateral treaties, ratification is usually accomplished by exchanging the requisite instruments, while in the case of multilateral treaties the usual procedure is for the depositary to collect the ratifications of all states, keeping all parties informed of the situation. The institution of ratification grants states the necessary time-frame to seek the required approval for the treaty on the domestic level and to enact the necessary legislation to give domestic effect to that treaty. [Arts.2 (1) (b), 14 (1) and 16, Vienna Convention on the Law of Treaties 1969]” (UN Glossary). [↑](#footnote-ref-4)
5. Signature: in general terms, a “signature” does not express a signatory’s consent to be bound unless otherwise specified in the agreement (Aust 2007, 96; United Nations Treaty Section of the Office of Legal Affairs. 2012. Treaty Handbook: <https://treaties.un.org/doc/source/publications/THB/English.pdf>, 5 [17-04-2019]). [↑](#footnote-ref-5)
6. **Succession:** “[…]a newly independent State may, by a notification of succession, establish its status as a party to any multilateral treaty which at the date of the succession of States was in force in respect of the territory to which the succession of States relates.” Art. 17(1) of Vienna Convention on Succession of States in respect of Treaties (1978). [↑](#footnote-ref-6)