

SIMPLIFIED CONVERSION TABLE FOR THE VARIOUS UNITS USED IN THE
LITERATURE TO EXPRESS THE ACTIVITY OF PLUTONIUM
CONTAMINATION IN SOIL

	<u>mCi/km²*</u>	<u>μCi/m²*</u>	<u>d/m/100 cm²*</u>	<u>d/m/g</u>	<u>pCi/g</u>	<u>μCi/100 cm²*</u>
Ci/km ²	1.0	1.0×10^{-3}	2.22×10^1	2.22×10^{-1}	1.0×10^{-1}	1.0×10^{-6}
Ci/m ²	1.0×10^3	1.0	2.22×10^4	2.22×10^3	1.0×10^3	1.0×10^{-2}
/m/100 cm ²	4.5×10^{-3}	4.5×10^{-5}	1.0	1.0×10^{-2}	4.5×10^{-3}	4.5×10^{-7}
/m/g	4.5	4.5×10^{-2}	1.0×10^2	1.0	4.5×10^{-1}	4.5×10^{-5}
Ci/g	1.0×10^1	1.0×10^{-2}	2.22×10^3	2.22	1.0	1.0×10^{-2}
Ci/100 cm ²	1.0×10^5	1.0×10^3	2.22×10^6	2.22×10^4	1.0×10^4	1.0

LEGEND:

- Ci/km² - Millicuries per square kilometer.
- Ci/m² - Microcuries per square meter.
- /m/100 cm² - Disintegrations per minute per 100 square centimeters.
- /m/g - Disintegration per minute per gram of dry soil (the units in which the results of soil sample analyses are reported).
- Ci/g - Picocuries per gram of dry soil.
- μCi/100 cm² - Microcuries per 100 square centimeters.

for a density of soil of 1 g/cm³ and a soil sample depth of 1 centimeter.