

図1におけるデータ値(U- 2MG)

出典	対象者数	尿中カドミウム	2MGの異常率(%)	カットオフ値	備考
一般集団(35歳以上)、Nordberg et al. (1997) Biological monitoring of cadmium exposure and renal effects in a population group residing in a polluted area in China	対照	0-2 $\mu\text{g/L}$	4.9	0.8mg/g cr	
	253	2-5 $\mu\text{g/L}$	9.0		
	中曝露	5-10 $\mu\text{g/L}$	22.9		
	247	10-20 $\mu\text{g/L}$	23.7		
	高曝露	>20 $\mu\text{g/L}$	50.8		
一般集団(20-80歳)、Buchet et al. (1990) Renal effects of cadmium body burden of the general population	402	0-0.51 $\mu\text{g}/24\text{h}$	3.0	283 $\mu\text{g}/24\text{h}$	2MGの異常率(%)は文献中のグラフより読み取った。
	407	0.52-0.89 $\mu\text{g}/24\text{h}$	5.0		
	401	0.90-1.40 $\mu\text{g}/24\text{h}$	6.5		
	404	1.41-8.00 $\mu\text{g}/24\text{h}$	7.0		
一般女性(20-80歳)、Nogawa et al. (1979) A Study of the Relationship between Cadmium Concentrations in Urine and Renal Effects of Cadmium	26	0-4.9 $\mu\text{g/g cr}$	3.9	5mg/L	
	36	5.0-9.9 $\mu\text{g/g cr}$	3.8		
	36	10.0-14.9 $\mu\text{g/g cr}$	22.2		
	37	15-19.9 $\mu\text{g/g cr}$	27.0		
	45	20.0-24.9 $\mu\text{g/g cr}$	51.1		
	30	25.0-29.9 $\mu\text{g/g cr}$	70.0		
	39	30.0-39.9 $\mu\text{g/g cr}$	79.5		
	47	40.0 $\mu\text{g/g cr}$	85.1		
一般男性(20-80歳)、Nogawa et al. (1979) A Study of the Relationship between Cadmium Concentrations in Urine and Renal Effects of Cadmium	29	0-4.9 $\mu\text{g/g cr}$	0	5mg/L	
	48	5.0-9.9 $\mu\text{g/g cr}$	16.7		
	45	10.0-14.9 $\mu\text{g/g cr}$	46.7		
	25	15-19.9 $\mu\text{g/g cr}$	76.0		
	49	20.0-24.9 $\mu\text{g/g cr}$	69.4		
	21	25.0-29.9 $\mu\text{g/g cr}$	95.2		
	29	30.0 $\mu\text{g/g cr}$	93.1		
労働者(若年)、Chia et al. (1992) Renal Tubular Function of Cadmium Exposed Workers	対照 122	1.15 $\mu\text{g/g cr}$ (平均)	4.6	不明 (phadezym beta-2-micro testを利用)	
	97	<2 $\mu\text{g/g cr}$	0		
		2-5 $\mu\text{g/g cr}$	0		
		5-10 $\mu\text{g/g cr}$	0		
労働者、Buchet et al. (1980) Assessment of Renal Function of Workers Exposed to Inorganic Lead, Cadmium or Mercury Vapor	対照 88	<2 $\mu\text{g/g cr}$	5	0.2mg/g cr	2MGの異常率(%)は文献中のグラフより読み取った。
	84	2-9.9 $\mu\text{g/g cr}$	5		
	34	10-19.9 $\mu\text{g/g cr}$	15		
	30	10 $\mu\text{g/g cr}$	42		
	61	<2 $\mu\text{g/g cr}$	0		
労働者、Bernard et al. (1990)	25	2-5 $\mu\text{g/g cr}$	0	0.324mg/g cr	2MGの異常率(%)は文献中のグラフより読み取った。
	15	5-10 $\mu\text{g/g cr}$	0		
	15	>10 $\mu\text{g/g cr}$	27		
	15	>10 $\mu\text{g/g cr}$	27		
労働者、Roels et al. (1993) Markers of early renal changes induced by industrial pollutants. Application to workers exposed to cadmium	対照 43	<2 $\mu\text{g/g cr}$	5	279 $\mu\text{g/g cr}$	2MGの異常率(%)は文献中のグラフより読み取った。
	30	2-10 $\mu\text{g/g cr}$	10		
	7	10 $\mu\text{g/g cr}$	28		
労働者、Elinder et al. (1985) Assessment of renal function in workers previously exposed to cadmium	60	2 $\mu\text{g/g cr}$	7	0.3mg/g cr	
		2- 5 $\mu\text{g/g cr}$	25		
		5- 10 $\mu\text{g/g cr}$	33		
		10- 15 $\mu\text{g/g cr}$	80		
		>15 $\mu\text{g/g cr}$	91		
		All	40		
労働者(60歳未満)、Järup et al. (1994) Dose-Response Relations Between Urinary Cadmium and Tubular Proteinuria in Cadmium-Exposed Workers	124	<1nmole/mmoleg cr	0.8	25 $\mu\text{g/mmole cr}$ ( 223 $\mu\text{g/g cr}$ )	
	101	1-<3nmole/mmoleg cr	1.1		
	37	3-<5nmole/mmoleg cr	10.8		
	38	5-<10nmole/mmoleg cr	13.2		
	9	10+nmole/mmoleg cr	33.3		
労働者(60歳以上)、Järup et al. (1994) Dose-Response Relations Between Urinary Cadmium and Tubular Proteinuria in Cadmium-Exposed Workers	9	<1nmole/mmoleg cr	0	25 $\mu\text{g/mmole cr}$ ( 223 $\mu\text{g/g cr}$ )	
	20	1-<3nmole/mmoleg cr	10.0		
	21	3-<5nmole/mmoleg cr	38.1		
	18	5-<10nmole/mmoleg cr	66.7		
	17	10+nmole/mmoleg cr	58.8		

注1:単位の文献中の表記に基づく。

注2: 1nmole/mmoleg cr 1  $\mu\text{g/g cr}$ 。