

Consolidated Statement of Income - USD (\$) \$ in Millions	12 Months Ended Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Income Statement [Abstract]			
Net sales	15845	16242	15614
Cost of sales, exclusive of depreciation and amortization	9252	9678	9975
Selling, general and administrative	3391	3401	3037
Depreciation	360	360	357
Amortization	132	154	145
Research and development, net	423	424	434
Interest expense	241	247	167
Interest income	-177	-140	-54
Business restructuring, net	233	-2	33
Impairment and other-related charges, net	146	160	231
Pension settlement charge	0	190	0
Other (income)/charges, net	-8	80	-66
Income before income taxes	1852	1690	1355
Income tax expense	475	428	320
Income from continuing operations	1377	1262	1035
(Loss)/income from discontinued operations, net of tax	-228	47	19
Net income attributable to the controlling and noncontrolling interests	1149	1309	1054
Less: Net income attributable to noncontrolling interests	33	39	28
Net income (attributable to PPG)	1116	1270	1026
Income from continuing operations, net of tax	1344	1223	1007
(Loss)/income from discontinued operations, net of tax	-228	47	19
Earnings per common share			
Continuing operations (in dollars per share)	5.75	5.18	4.26
Discontinued operations (in dollars per share)	-0.98	0.2	0.08
Net Income (attributable to PPG) (in dollars per share)	4.77	5.38	4.34
Earnings per common share - assuming dilution			
Continuing operations (in dollars per share)	5.72	5.16	4.24
Discontinued operations (in dollars per share)	-0.97	0.19	0.08
Net Income (attributable to PPG) (in dollars per share)	4.75	5.35	4.32

Consolidated Balance Sheet - USD (\$) \$ in Millions	Dec. 31, 2024	Dec. 31, 2023
Current assets		
Cash and cash equivalents	1270	1493
Short-term investments	88	75
Receivables	2985	3007
Inventories	1846	1934
Other current assets	368	922
Total current assets	6557	7431
Property, plant and equipment, net	3464	3450
Goodwill	5690	6115
Identifiable intangible assets, net	1922	2261
Deferred income taxes	303	272
Investments	331	254
Operating lease right-of-use assets	597	571
Other assets	569	1293
Total	19433	21647
Current liabilities		
Accounts payable and accrued liabilities	3731	4161
Restructuring reserves	128	84
Short-term debt and current portion of long-term debt	939	306
Current portion of operating lease liabilities	126	128
Other	90	375
Total current liabilities	5014	5054
Long-term debt	4876	5748
Operating lease liabilities	454	417
Accrued pensions	558	588
Other postretirement benefits	410	450
Deferred income taxes	405	500
Other liabilities	754	867
Total liabilities	12471	13624
Commitments and contingent liabilities (See Note 15)		
Shareholders' equity		
Common stock	969	969
Additional paid-in capital	1272	1202
Retained earnings	21994	21500
Treasury stock, at cost	-14342	-13600
Accumulated other comprehensive loss	-3108	-2239
Total PPG shareholders' equity	6785	7832
Noncontrolling interests	177	191

Consolidated Balance Sheet - USD (\$) \$ in Millions	Dec. 31, 2024	Dec. 31, 2023
Total shareholders' equity	6962	8023
Total	19433	21647

Consolidated Statement of Cash Flows - USD (\$) \$ in Millions	12 Months Ended Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Operating activities			
Income from continuing operations	1377	1262	1035
Adjustments to reconcile net income to cash from operations:			
Depreciation and amortization	492	514	502
Pension settlement charge	0	190	0
Impairment and other-related charges, net	146	160	231
Stock-based compensation expense	42	56	34
Deferred income taxes	-97	-187	-151
Business restructuring, net	233	-2	33
Cash contributions to pension plans	-26	-46	-11
Cash used for restructuring actions	-52	-56	-85
Change in certain asset and liability accounts (net of acquisitions):			
Receivables	-181	12	-248
Inventories	-27	145	-177
Other current assets	-30	-41	-59
Accounts payable and accrued liabilities	-259	151	21
Noncurrent assets and liabilities, net	-73	-50	-112
Taxes and interest payable	-31	71	143
Other	-123	115	-156
Cash from operating activities - continuing operations	1391	2294	1000
Cash from/(used for) operating activities - discontinued operations	29	117	-37
Cash from operating activities	1420	2411	963
Investing activities			
Capital expenditures	-721	-516	-486
Business acquisitions, net of cash balances acquired	-31	-109	-114
Proceeds from divestiture of businesses	325	36	117
Other	28	64	53
Cash used for investing activities - continuing operations	-399	-525	-430

Consolidated Statement of Cash Flows - USD (\$) \$ in Millions	12 Months Ended Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Cash from/(used for) investing activities - discontinued operations	506	-31	-31
Cash from/(used for) investing activities	107	-556	-461
Financing activities			
Proceeds from Term Loan Credit Agreement, net of fees	274	550	0
Repayment of Term Loan Credit Agreement	0	-1100	-300
Net payments on commercial paper and short-term debt	0	0	-439
Proceeds from the issuance of debt, net of discounts and fees	0	0	1116
Repayment of long-term debt	-300	-300	0
Purchase of treasury stock	-752	-86	-190
Dividends paid on PPG common stock	-622	-598	-570
Other	-25	-16	-26
Cash used for financing activities - continuing operations	-1425	-1550	-409
Cash used for financing activities - discontinued operations	0	0	0
Cash used for financing activities	-1425	-1550	-409
Effect of currency exchange rate changes on cash and cash equivalents	-325	110	1
Cash reclassified to assets held for sale	0	-5	-3
Net (decrease)/increase in cash and cash equivalents	-223	410	91
Cash and cash equivalents, beginning of year	1493	1083	992
Cash and cash equivalents, end of year	1270	1493	1083
Supplemental disclosures of cash flow information:			
Interest paid, net of amount capitalized	247	213	156
Taxes paid, net of refunds	653	488	436
Capital expenditures accrued within Accounts payable and accrued liabilities at year-end	160	170	71
Purchases of treasury stock transacted but not yet settled	12	14	0