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GRI 2: General Disclosures 2021			
	Disclosure 2-1 Organizational details	IR: P62 Corporate Data	HP: About Tokuyama>Company Overview
	Disclosure 2-2 Entities included in the organization's	IR: P7 Editorial Policy, P62-63 Corporate Data	Securities report (Japanese)
	sustainability reporting	DB: P2-4 Boundary	Securities report (Japanese)
	Disclosure 2-3 Reporting period, frequency and contact point	IR: P7 Editorial Policy , back cover	HP: Contact Us
	Disclosure 2-3 Reporting period, frequency and contact point	DB: P1-4 Contents, Boundary	TIF. Contact OS
	Disclosure 2-4 Restatements of information	not applicable	not applicable
	Disclosure 2-5 External assurance	DB: P49 Independent practitioner's verification	HP: CSR>Helping to Fight Global Warming
	Disabassas 2 C Asticitias suchas abaix and atheralessis	IR: P4-5 Our Value Creation, P22-23 Progress by	HP: Products
	Disclosure 2-6 Activities, value chain and other business	Business Segment, P24-33 Progress of Strategy by	
	relationships	Business Segment	Securities report (Japanese)
	Disclosure 2-7 Employees	DB: P39 Employee	HP: CSR>Employee
	Disciosare 2 1 Employees	DD 1 1 00 Employee	Securities report (Japanese)
	Disclosure 2-8 Workers who are not employees	DB: P39 Employee	HP: CSR>Employee
	Discourse 2 C Workers with and more simple, sees		Securities report (Japanese)
		IR: P44 Disclosures Based on TCFD	HP: About Tokuyama > Corporate Governance
	Disclosure 2-9 Governance structure and composition	Recommendations, P50-51 Board of Directors, P52-	Securities report (Japanese)
	Discission 2 3 devermence structure and composition	55 Corporate Governance	Corporate Governance Report
		DB: P9-10 Governance, P11 Sustainability	Our portate devermance Report
	Disclosure 2-10 Nomination and selection of the highest	IR: P52-55 Corporate Governance	Corporate Governance Report
	governance body		
	Disclosure 2-11 Chair of the highest governance body	-	Securities report (Japanese)
	Disclosure 2-12 Role of the highest governance body in	IR: P38 Various Conferences on Sustainability, P36-	HP: CSR>Sustainability HD: CSR> Materiality Determination
		39 Vision and Materiality	HP: CSR>Materiality Determination HP: CSR>Sustainability Governance
	overseeing the management of impacts	DB: P5-6 Materiality	Securities report (Japanese)
			HP: CSR>Sustainability
	Disclosure 2-13 Delegation of responsibility for managing	IR: P38 Various Conferences on Sustainability, P36-	HP: CSR>Materiality Determination
	impacts	39 Vision and Materiality	HP: CSR>Sustainability Governance
		DB: P5-6 Materiality	Securities report (Japanese)
	Disclosure 2-14 Role of the highest governance body in	IR: P38 Various Conferences on Sustainability	HP: CSR>Sustainability Governance
	sustainability reporting		HP: About Tokuyama > Management Team
		IR: P48-49 Dialogue with Outside Directors, P50-51	HP: About Tokuyama > Corporate Governance
	Disclosure 2-15 Conflicts of interest	Board of Directors	Corporate Governance Report
		Board of Birotors	Securities report (Japanese)
		IR: P38 Various Conferences on Sustainability, P52	HP: CSR>Sustainability Governance
	Disclosure 2-16 Communication of critical concerns	Corporate Governance	Securities report (Japanese)
	Disclosure 2-17 Collective knowledge of the highest governance		HP: About Tokuyama > Corporate Governance
	body	IR: P54-55 Corporate Governance	Corporate Governance Report
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GRI 2: General Disclosures 2021	Disclosure 2-18 Evaluation of the performance of the highest	IR: P53-55 Corporate Governance	HP: About Tokuyama > Corporate Governance
	Disclarum 2 10 Demonaution religion	IR: P55 Executive Remuneration	Corporate Governance Report
	Disclosure 2-19 Remuneration policies	IR - P55 Executive Remuneration	Corporate Governance Report
	Disclosure 2-20 Process to determine remuneration	IR: P52-55 Corporate Governance	Securities report (Japanese) Corporate Governance Report
	Disclosure 2-21 Annual total compensation ratio	DB: P40 Employees (Employment)	HP: CSR>Employee
	Disclosure 2-22 Statement on sustainable development strategy	IR: P8-13 Message from the President	HP: About Tokuyama > Message from the President
		IR: P38-39 Message from the Executive Officer in	
	Disclosure 2-23 Policy commitments	Charge of Sustainability	HP: CSR>Society
		IR: P38-39 Message from the Executive Officer in	
	Disclosure 2-24 Embedding policy commitments	Charge of Sustainability	HP: CSR>Sustainability
		DB: P15-16 Governance (Enlightenment)	
	Disclosure 2-25 Processes to remediate negative impacts	IR: P47 Compliance	HP: CSR>Sustainability Governance
	Disclosure 2-23 Processes to remediate negative impacts	DB: P14 Governance (Compliance)	HP: CSR>Society
	Disclosure 2-26 Mechanisms for seeking advice and raising	IR: P47 Compliance	HP: CSR>Sustainability Governance
	concerns	DB: P14 Governance (Compliance)	HP: CSR>Society
		DB: P14 Governance (Compliance), P20 Quality, P23	
	Disclosure 2-27 Compliance with laws and regulations	Environment (Compliance), P38 Accident prevention	HP: CSR>Sustainability Governance
		and occupational health & safety (Data)	
	Disclosure 2-28 Membership associations	_	
		IR: P47 Stakeholder Engagement	-
	Disclosure 2-29 Approach to stakeholder engagement	DB: P45-46 Society	P: CSR>List of Policies P: CSR>Society P: CSR>Sustainability P: CSR>Sustainability Governance P: CSR>Society P: CSR>Sustainability Governance P: CSR>Sustainability Governance P: CSR>Society P: CSR>Society P: CSR>Society P: CSR>Society P: CSR>Social Recognition P: CSR>Society
	Disclosure 2-30 Collective bargaining agreements	DB: P41 Employees (Employment)	HP: CSR>Employee
			Securities report (Japanese)

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	Disclosure 3-1 Process to determine material topics	IR: P40-41 Vision and Materiality	HP: CSR>Materiality Determination
	Disclosure 3-2 List of material topics	IR: P40-43 Vision and Materiality	HP: CSR>Materiality Determination
	Disclosure 3-2 List of material topics	DB: P5-8 Materiality	TIT . CONVINATERIALITY DETERMINATION
		IR: Various Policies on Sustainability, P40-43 Vision	
	Disclosure 3-3 Management of material topics	and Materiality	HP: CSR>Materiality Determination
		DB: P5-8 Materiality	
GRI 201: Economic Performance 2016	Disclosure 201-1 Direct economic value generated and	IR: P15 Value Creation Process, P22 Progress by	Securities report (Japanese)
	distributed	Business Segment , P58-59 Financial Highlights	
	Disclosure 201-2 Financial implications and other risks and	IR: P44-46 Disclosures Based on TCFD	HP: CSR>Helping to Fight Global Warming
	opportunities due to climate change	Recommendations	Securities report (Japanese)
			Tokuyama TCFD Report
	Disclosure 201-3 Defined benefit plan obligations and other	_	Securities report (Japanese)
	retirement plans		
	Disclosure 201-4 Financial assistance received from	_	Securities report (Japanese)
	government		
GRI 202: Market Presence 2016	Disclosure 202-1 Ratios of standard entry level wage by gender	_	_
	compared to local minimum wage		
	Disclosure 202-2 Proportion of senior management hired from	_	_
	the local community		
GRI 203: Indirect Economic Impacts 2016	Disclosure 203-1 Infrastructure investments and services	DB: P46 Society (Social engagement)	HP: CSR>Society
	Supported Displaceure 202 2 Significant indirect cooperation makes		
	Disclosure 203-2 Significant indirect economic impacts Disclosure 204-1 Proportion of spending on local	_	_
GRI 204: Procurement Practices 2016	· · · · ·	_	_
GRI 205: Anti-corruption 2016	Suppliers Disclosure 205-1 Operations assessed for risks related to		
GRI 203. Anti-corruption 2010	corruption	IR: P47 Compliance, P56-57 Risk Management	HP: CSR>Sustainability Governance
	Disclosure 205-2 Communication and training about anti-		Tokuyama Group Sustainability Principles
	corruption policies and procedures	DB: P15-16 Governance (Enlightenment)	Tokuyama Group Anti-Corruption Policy
	Disclosure 205-3 Confirmed incidents of corruption and actions		- onayama areap interest of a period in a constant
	taken '	DB: P14 Governance (Compliance)	
GRI 206: Anti-competitive Behavior 2016	Disclosure 206-1 Legal actions for anti-competitive behavior,	(5.11.1)	Tokuyama Group Antimonopoly and Fair
	anti-trust, and monopoly practices	DB: P15-16 Governance (Enlightenment)	Competition Policy
GRI 207: Tax 2019	Disclosure 207-1 Approach to tax	DB: P15 Governance (Enlightenment)	Tokuyama Group Tax Policy
	Disclosure 207-2 Tax governance, control, and risk management	_	Tokuyama Group Tax Policy
	Disclosure 207-3 Stakeholder engagement and management of		
	concerns related to tax	-	<u>Tokuyama Group Tax Policy</u>
	Disclosure 207-4 Country-by-country reporting	-	_
GRI 301: Materials 2016	Disclosure 301-1 Materials used by weight or volume	DB : P32 Environment (Material flow)	HP: CSR>Environmental Management
	Disclosure 301-2 Recycled input materials used	DB: P32-34 Environment (Material flow)	HP: CSR>Environmental Management

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GRI 301: Materials 2016	Disclosure 301-3 Reclaimed products and their packaging materials	DB: P32-34 Environment (Material flow)	HP: CSR>Environmental Management
GRI 302: Energy 2016	Disclosure 302-1 Energy consumption within the organization	IR: P60 Energy Usage DB: P27Environment (Energy)	HP: CSR>Helping to Fight Global Warming Tokuyama TCFD Report
	Disclosure 302-2 Energy consumption outside of the organization	1 –	_
	Disclosure 302-3 Energy intensity	DB: P27 Environment (Energy)	Tokuyama TCFD Report
	Disclosure 302-4 Reduction of energy consumption	IR: P60 Energy Usage DB: P27 Environment (Energy)	HP: CSR>Helping to Fight Global Warming Tokuyama TCFD Report
	Disclosure 302-5 Reductions in energy requirements of	IR: P60 Energy Usage	HP: CSR>Helping to Fight Global Warming
	products and services	DB: P27 Environment (Energy)	Tokuyama TCFD Report
GRI 303: Water and Effluents 2018	Disclosure 303-1 Interactions with water as a shared resource	DB: P29-30 Environment (Water)	HP: CSR>Reducing Substances with Environmental Impact and Waste
	Disclosure 303-2 Management of water discharge related impacts	DB: P29-30 Environment (Water)	HP: CSR>Reducing Substances with Environmental Impact and Waste
		IR: P61 Water Consumption	HP: CSR>Reducing Substances with
	Disclosure 303-3 Water withdrawal	DB: P29-30 Environment (Water)	Environmental Impact and Waste
	Disclosure 303-4 Water discharge	DB: P29-30 Environment (Water)	HP: CSR>Reducing Substances with Environmental Impact and Waste
	Disclosure 303-5 Water consumption	DB: P29-30 Environment (Water)	HP: CSR>Reducing Substances with Environmental Impact and Waste
GRI 304: Biodiversity 2016	Disclosure 304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	IR: P58 Corporate Data	HP: About Tokuyama > Business Locations
	Disclosure 304-2 Significant impacts of activities, products and services on biodiversity	IR: P56 Risk Management DB: P36 Environment (Biodiversity)	HP: CSR>Environmental Management
	Disclosure 304-3 Habitats protected or restored Disclosure 304-4 IUCN Red List species and national	DB: P36 Environment (Biodiversity)	HP: CSR>Environmental Management
	conservation list species with habitats in areas affected by operations	DB: P36 Environment (Biodiversity)	HP: CSR>Environmental Management
GRI 305: Emissions 2016		IR: P37 Progress of Sustainability Initiatives in	HP: CSR>Environmental Management
	Disclosure 305-1 Direct (Scope 1) GHG emissions	FY2023, P60 GHG Emissions (Scope1,2)	Securities report (Japanese)
		DB: P24 Environment (Greenhouse gas)	Tokuyama TCFD Report
		IR: P35 Progress of Sustainability Initiatives in	HP: CSR>Environmental Management
	Disclosure 305-2 Energy indirect (Scope 2) GHG emissions	FY2023, P60 GHG Emissions (Scope1,2)	Securities report (Japanese)
		DB: P24 Environment (Greenhouse gas)	Tokuyama TCFD Report
		IR: P35 Progress of Sustainability Initiatives in	HP: CSR>Environmental Management
	Disclosure 305-3 Other indirect (Scope 3) GHG emissions	FY2023 , P60 Supply Chain Emissions (Scope3)	Securities report (Japanese)
		DB: P24-26 Environment (Greenhouse gas)	Tokuyama TCFD Report
	Disclosure 305-4 GHG emissions intensity	DB: P26 Environment (Greenhouse gas)	HP: CSR>Environmental Management

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GRI 305: Emissions 2016		IR: P35 Progress of Sustainability Initiatives in	HP: CSR>Environmental Management
	Disclosure 305-5 Reduction of GHG emissions	FY2023 , P60 Non-Financial Highlights	Securities report (Japanese)
		DB: P24-26 Environment (Greenhouse gas)	Tokuyama TCFD Report
	Disclosure 305-6 Emissions of ozone-depleting substances		
	(ODS)		
	Disclosure 305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and	DB: P28 Environment (Air)	HP: CSR>Reducing Substances with
	other significant air emissions	DB - F28 Elivirolillelit (All)	Environmental Impact and Waste
GRI 306: Waste 2020	Disclosure 306-1 Waste generation and significant waste-related	IR: P40-41 Materiality (Conserving the environment)	HP: CSR>Reducing Substances with
	impacts	DB: P32-34 Environment (Material flow)	Environmental Impact and Waste
	Disclosure 306-2 Management of significant waste-related	IR: P40-41 Materiality (Conserving the environment)	HP: CSR>Reducing Substances with
	impacts	DB: P32-34 Environment (Material flow)	Environmental Impact and Waste
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	Disclosure 306-3 Waste generated	DB: P32-34 Environment (Material flow)	Environmental Impact and Waste
	D: 1 200 4 W + 1: + 16 1: 1	DD - D00 24 F : /M ()	HP: CSR>Reducing Substances with
	Disclosure 306-4 Waste diverted from disposal	DB: P32-34 Environment (Material flow)	Environmental Impact and Waste
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	Disclosure 306-5 Waste directed to disposal	DB: P32-34 Environment (Material flow)	Environmental Impact and Waste
GRI 308: Supplier Environmental	Disclosure 308-1 New suppliers that were screened using		
Assessment 2016	environmental criteria	_	_
	Disclosure 308-2 Negative environmental impacts in		LID OCD, OCD
	the supply chain and actions taken	_	HP: CSR>CSR procurement
GRI 401: Employment 2016	Disclosure 401-1 New employee hires and employee turnover	DB: P40-41 Employees (Employment)	HP: CSR>Employee
	Disclosure 401-2 Benefits provided to full-time employees that		
	are not provided to temporary or part-time employees	_	_
	Disclosure 401-3 Parental leave	DB: P42 Employee (Work life balance)	HP: CSR>Employee
GRI 402: Labor/Management Relations	Disclosure 402-1 Minimum notice periods regarding operational		
	changes	_	_
GRI 403: Occupational Health and Safety		IR: P40-41 Materiality (Preventing accidents and	
2018	Disclarate 402 1 Occupational health and safety management	preparing for disasters)	LID. CCD. Assistant Dansarting and Commenting I
	Disclosure 403-1 Occupational health and safety management	DB: P37 Accident Prevention and Occupational	HP: CSR>Accident Prevention and Occupational
	system	Health and Safety (Management), P47 Management	Health & Safety
		system	
		IR: P40-41 Materiality (Preventing accidents and	
	Disclosure 403-2 Hazard identification, risk assessment, and	preparing for disasters)	HP: CSR>Accident Prevention and Occupational
	incident investigation	DB: P37 Accident Prevention and Occupational	Health & Safety
		Health and Safety (Management)	
		IR: P40-41 Materiality (Preventing accidents and	
	D. 1 100 0 0 11 11 11 11	preparing for disasters)	HP: CSR>Accident Prevention and Occupational
	Disclosure 403-3 Occupational health services	<u> </u>	Illandala O. Carfata
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GRI 403: Occupational Health and Safety	Disclosure 403-4 Worker participation, consultation, and		HP: CSR>Accident Prevention and Occupational
2018	communication on occupational health and safety		<u>Health & Safety</u>
	Disclosure 403-5 Worker training on occupational health and	DB: P16 Governance (Enlightenment)	HP: CSR>Accident Prevention and Occupational
	safety		Health & Safety
		IR: P42-43 Materiality (Promotion of better physical	
	Disclosure 403-6 Promotion of worker health	& mental health)	HP: CSR>Health Management
		DB: P43-44 Employee (Health management;	
	Disclosure 403-7 Prevention and mitigation of occupational	Tokuyama)	
	health and safety impacts directly linked by business	DB: P37 Accident Prevention and Occupational	HP: CSR>Accident Prevention and Occupational
	relationships	Health and Safety (Management)	Health & Safety
	Disclosure 403-8 Workers covered by an occupational health and		HP: CSR>Accident Prevention and Occupational
	safety management system	DB: P47 Management system	Health & Safety
		DB: P38 Accident prevention and occupational health	
	Disclosure 403-9 Work-related injuries	& safety (Data)	<u>Health & Safety</u>
		DB: P38 Accident prevention and occupational health	
	Disclosure 403-10 Work-related ill health	& safety (Data), P43-44 Employee (Health	HP: CSR>Health Management
		management; Tokuyama)	
GRI 404: Training and Education 2016	Disclosure 404-1 Average hours of training per year per employee	DB: P41 Employees (Employment)	HP: CSR>Employee
	Disclosure 404-2 Programs for upgrading employee skills and	IR: P30 DX Strategy, P35 Human Capital	HP: CSR>Employee
	transition assistance programs	DB: P41 Employees (Employment)	TIT : CSIX/Employee
	Disclosure 404-3 Percentage of employees receiving regular	_	_
	performance and career development reviews		
GRI 405: Diversity and Equal Opportunity		IR: P61 Non-Financial Highlights	HP: About Tokuyama > Corporate Governance
2016	Disclosure 405-1 Diversity of governance bodies and employees	DB: P13 Governance, P39 Employee (Overview)	HD, CCD, Employee
			HP: CSR>Employee
	Disclosure 405-2 Ratio of basic salary and remuneration of	DB: P40 Employees (Employment)	HP: CSR>Employee
	women to men		
GRI 406: Non-discrimination 2016	Disclosure 406-1 Incidents of discrimination and corrective	DB: P14 Governance (compliance)	_
ODI 407 5 1 1 6 4 1 1 1 1	actions taken		
GRI 407: Freedom of Association and	Disclosure 407-1 Operations and suppliers in which the right to	not applicable	HP: CSR>CSR procurement
Collective Bargaining 2016	freedom of association and collective bargaining may be at risk Disclosure 408-1 Operations and suppliers at significant risk for		
GRI 408: Child Labor 2016	incidents of child labor	not applicable	HP: CSR>CSR procurement
GRI 409: Forced or Compulsory Labor	Disclosure 409-1 Operations and suppliers at significant risk for		
2016	incidents of forced or compulsory labor	not applicable	HP: CSR>CSR procurement
GRI 410: Security Practices 2016	Disclosure 410-1 Security personnel trained in human rights		HP: CSR>Accident Prevention and Occupational
	policies or procedures	_	Health & Safety

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GRI 411: Rights of Indigenous Peoples 2016	Disclosure 411-1 Incidents of violations involving rights of indigenous peoples	not applicable	not applicable
GRI 413: Local Communities 2016	Disclosure 413-1 Operations with local community engagement, impact assessments, and development programs	IR: P47 Stakeholder Engagement	HP: CSR>Society
	Disclosure 413-2 Operations with significant actual and potential negative impacts on local communities	_	HP: About Tokuyama > Business Locations
GRI 414: Supplier Social Assessment 2016	Disclosure 414-1 New suppliers that were screened using social criteria	IR: P42-43 Materiality (Promoting CSR procurement)	_
	Disclosure 414-2 Negative social impacts in the supply chain and actions taken	_	HP: CSR>CSR procurement
GRI 415: Public Policy 2016	Disclosure 415-1 Political contributions	_	_
GRI 416: Customer Health and Safety 2016	Disclosure 416-1 Assessment of the health and safety impacts of product and service categories	IR: P42-43 Materiality (Improved chemical management and product safety) DB: P20 Quality	HP: CSR > Responsible Care
	Disclosure 416-2 Incidents of non-compliance concerning the health and safety impacts of products and services	DB: P20 Quality	HP: CSR > Responsible Care
GRI 417: Marketing and Labeling 2016	Disclosure 417-1 Requirements for product and service information and labeling	IR: P42-43 Materiality (Improved chemical management and product safety) DB: P20 Quality	HP: CSR > Responsible Care
	Disclosure 417-2 Incidents of non-compliance concerning product and service information and labeling	DB: P20 Quality	HP: CSR > Responsible Care
	Disclosure 417-3 Incidents of non-compliance concerning marketing communications	DB : P14 Governance (Compliance)	not applicable
GRI 418: Customer Privacy 2016	Disclosure 418-1 Substantiated complaints concerning breaches of customer privacy and losses of customer data	DB: P17 Governance (Information security)	HP: Privacy Policy for GDPR